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REPORT ON THE QUALITY OF MARINE SURFACE OBSERVATIONS:

JANUARY TO JUNE 2003

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REPORT ON THE QUALITY OF MARINE SURFACE OBSERVATIONS:

JANUARY TO JUNE 2003

CONTENTS

1. Introduction

2. Monitoring methods

3. Monitoring results:

   3.1 *Pressure*

   3.2 *Wind*

   3.3 *Sea-surface temperature*

4. Summary

REPORT ON THE QUALITY OF MARINE SURFACE OBSERVATIONS:

JANUARY TO JUNE 2003

LIST OF TABLES

1. Frequency distribution of the number of observations of pressure, wind and SST.

2. Number of observations of pressure for past six-month periods.

3. Platforms reporting suspect pressure observations:

   3a *Stations reporting in DRIFTR code.*

   3b *Stations reporting in SHIP code.*

4. Platforms reporting in SHIP code, not listed in table 3 but listed as suspect in the previous six-month period.

5. Platforms reporting suspect wind speed observations:

   5a *Stations reporting in DRIFTR code.*

   5b *Stations reporting in SHIP code.*

6. Platforms reporting in SHIP code,not listed in table 5 but listed as suspect in the previous six-month period.

7. Platforms reporting suspect wind direction observations:

   7a *Stations reporting in DRIFTR code.*

   7b *Stations reporting in SHIP code.*

8. Platforms reporting in SHIP code, not listed in table 7 but listed as suspect in the previous six-month period.

9. Platforms reporting suspect sea surface temperature:

   9a *Stations reporting in DRIFTR code.*

   9b *Stations reporting in SHIP code.*

10. Platforms reporting in SHIP code, not listed in table 9 but listed as suspect in the previous six-month period.

REPORT ON THE QUALITY OF MARINE SURFACE OBSERVATIONS:

JANUARY TO JUNE 2003

LIST OF FIGURES

1. Number of observations of pressure for past six-month periods.

2a Distribution of O-B SHIP pressure differences, all observations.

2b Distribution of O-B SHIP pressure differences, flagged observations only.

2c Distribution of O-B SHIP pressure differences, unflagged observations only.

2d-f As 2a-c but for wind speed.

2g-I As 2a-c but for wind direction.

2j-l As 2a-c but for SST.

3. Geographical distribution of bias of SHIP pressure.

4. Geographical distribution of standard deviation of SHIP pressure.

5. Geographical distribution of the number of SHIP pressure observations.

6-8 As figures 3-5 but for wind speed.

9-11 As figures 3-5 but for wind direction.

12-14 As figures 3-5 but for SST.

REPORT ON THE QUALITY OF MARINE SURFACE OBSERVATIONS:

JANUARY TO JUNE 2003

1. INTRODUCTION

In 1985, the Commission for Basic Systems (CBS) agreed that there was a need for GDPS / Global NWP centres to monitor the quality of observations available on the GTS and to exchange monthly lists of stations providing seemingly erroneous data. In 1988 three lead centres were nominated which would have a co-ordinating role of producing, at six-monthly intervals, consolidated lists of suspect stations for given data types together with information on the nature of the error. The Met Office was allocated the role as lead centre for marine surface observations which encompass observations from ships, drifting buoys, moored buoys and other fixed marine platforms. This is the twenty-ninth of its reports and covers the period January to June 2003. For each observing platform identified as suspect, values are supplied for the number of observations received at the Met Office, the number of these observations with gross errors, the observations' mean differences from the background values used by the numerical data assimilation system and the standard deviations of these differences.

Following the CBS recommendations, by the end of the 1980s there were four centres active in the monthly exchange of monitoring information; The Met Office, ECMWF, RSMC Tokyo and NCEP. Since then, a number of other centres have also begun to exchange this information and these reports have included data provided by Météo-France as of report number 23. Initially, the only monitoring information exchanged on marine surface observations related to pressure, and the first two WMO reports addressed that parameter alone. Since then, these reports have contained monitoring statistics for wind observations, now being exchanged between centres on a consistent monthly basis. In addition, the report contains monitoring results for sea-surface temperature (SST). Due to changes in the observation processing system and database structure, there was no monitoring of SST data at the Met Office from May 1998 to September 2000. The SST information presented in reports 20 to 23 was therefore compiled, with permission, from the monthly NCEP monitoring data and so is not directly comparable with that presented in other reports. SST monitoring was reinstated at the Met Office from October 2000.

2. MONITORING METHODS

Errors in observations may arise from a number of sources: the instrument may be malfunctioning, figures may be mistaken while being transferred manually, or there may be corruption of data during transmission. Errors can also arise in the pressure report if the adjustment to sea level is made incorrectly or not at all, and a poorly sighted anemometer can result in errors in the observations of wind. For SST observations, the depth at which the observation is made can be crucial. 'Surface' observations from buoys are usually made at a depth of around 0.5m, whereas ships may take a measurement between a depth of 10m and the surface, depending on the method used. At present, there is no indication given within the report of the observation's depth, so it is not possible to determine the significance of this factor. (By contrast, satellites measure the temperature of the ocean's 'skin' which is generally slightly cooler than the temperature immediately beneath, by several tenths of a °C, as a result of evaporative cooling and other surface processes.)

Some errors can be detected by applying checks on the code format and the internal consistency of the report (for example: are the position and pressure consistent with a report 6 hours earlier?). Checks on spatial consistency are possible if there are other nearby observations. However, such quality checks are unable to identify errors on all occasions and it is recognised that the numerical data assimilation systems in use today can provide global reference values applicable in observation monitoring. The short-term forecast from the previous numerical analysis, commonly known as the first-guess or background field, provides perhaps the most useful information on observation quality, as it represents an accurate and spatially consistent estimate of the observed value which is independent of the observation itself. Observation-minus-background (hereafter referred to as O-B) differences are at the core of all monitoring work by GDPS centres. Unlike wind and pressure, SST monitoring at the Met Office used to be performed against the analysis field, this being judged a sufficiently good approximation due to the slowly varying nature of SST, relative to parameters measured above the surface. As of October 2000, background values have been used but with the slowly varying nature of SST used to assume persistence, such that the background is in fact the previous analysis. (These analyses are performed daily at the Met Office from an assimilation of both surface and satellite observations.) Thus the SST monitoring at the Met Office is no longer limited by a dependence upon the observations themselves.

Taking all marine surface observations together, the values of O-B have distinct characteristics. The vast majority of the observations show quite small departures from background and the distribution of O-B is nearly Gaussian, with little or no bias. The errors in the background field probably contribute most to the values of O-B for these observations. There is often, however, a smaller group of observations departing much more from the background, for which observation error is the only reasonable explanation for the large values of O-B. Studies of the distribution and variation of O-B at different points around the globe enable reasonably accurate estimation of background error, and this provides the basis for the monitoring methods described here. Those marine observing platforms for which, in a sufficiently large sample, the observed values differ from the background by an amount significantly in excess of the estimate of background error, may be labelled as suspect with a high degree of confidence. The limits used here to identify suspect observing platforms have been set sufficiently stringent to preclude much likelihood of the background, rather than the observations, being in error.

Each monitoring centre produces a monthly list of the identifiers of marine observing platforms considered suspect according to the departure from the model background values. All observations, both synoptic and asynoptic, are assimilated. At the Met Office (as of May 2000) and ECMWF, the background fields are interpolated to the observation time whereas Météo-France, Tokyo and Washington, use the background value valid at the nearest main synoptic hour.

Given that the number of observations made during the month is at least 20, then the condition used by all centres for obtaining platforms for the suspect lists is that at least one of the following criteria are satisfied:

Pressure

1. the | mean of O-B |	≥4.0 hPa
2. the standard deviation of O-B	≥6.0 hPa
3. the percentage of gross errors	≥25

Wind

1. the | mean of O-B |	≥5.0ms^{-1}	(Speed)
	≥30°	(Direction)
2. the standard deviation of O-B	≥80°	(Direction)
3. the percentage of gross errors	≥25	

Gross errors are defined as observations that depart from the background by more than 15hPa (Pressure) or 25ms^{-1} (Vector Wind). The mean and standard deviation of the samples are evaluated excluding gross errors and in this way occasional 'wild' values resulting from, for example, corruption during transmission, do not influence the sample characteristics. Direction statistics are also calculated excluding values in light winds, where either the observed or background speeds are less than 5ms^{-1}.

Relatively little information is exchanged between centres on a regular monthly basis for SST.

The monthly results for pressure from all five monitoring centres show considerable agreement, both on the observing platforms listed as suspect and the values of the mean and rms difference from each centre's background. Differences between the monthly suspect lists are usually due to the different numbers of observations available at each centre. The cut-off varies between 6 and 24 hours. There are also some unexplained variations in the data receipt between the centres, which may be due to problems in the GTS or in the local procedures for handling the data. Monitoring results for wind speed also show reasonable agreement on the mean and standard deviation from each centre's background; there is less agreement as to which platforms are listed, reflecting the greater uncertainty when monitoring wind speed.

This report draws together all the monthly monitoring results exchanged on marine surface data and identifies a list of observing platforms that have provided observations of poor quality over the 6-month period. In drawing up this list, there have been a number of guiding principles:

1. As with the monthly lists, accuracy is assessed relative to background values.
2. Observing platforms are listed only where there is a very high degree of confidence that the observations rather than the background values are in error.
3. At least 40 reports are required over the period in which the observations are considered suspect.
4. The perceived accuracy over the last part of the six-month period is of greatest importance; observing platforms are not listed if there has been recent improvement and their reports are at present without major error.
5. Given that the number of observations made during the period is greater than or equal to 40, then the condition for listing a platform as suspect in this report is that at least one of the following criteria are satisfied:

Pressure

1. the | mean of O-B |	≥3.5 hPa
2. the standard deviation of O-B	≥5.0 hPa
3. the percentage of gross errors	≥25

Wind

1. the | mean of O-B |	≥5.0ms^{-1}	(Speed)
	≥30°	(Direction)
2. the standard deviation of O-B	≥6.0ms^{-1}	(Speed)
	≥60°	(Direction)
3. the percentage of gross errors	≥25	

SST

1. the | mean of O-B |	≥3.0 °C
2. the standard deviation of O-B	≥5.0 °C
3. the percentage of gross errors	≥25

All observations having gross errors are excluded from the calculation of the mean and standard deviation of O-B. The same gross error limits apply in these reports as in the monthly lists. The Met Office now sets a limit of 10°C for SST but this was previously 5°C and NCEP use 15°C. Also, criteria previously used in these reports were based on O-A statistics. Data presented here is, then, not directly comparable with that in earlier reports.

The limits on the bias and standard deviation O-B are more stringent than those for the monthly lists because the sample sizes are larger. If there has been a recent change in quality, they are only applied at the end of the period. Identifiers can be listed in this report without appearing on any of the monthly lists. This is can be due to a representative sample only being obtained over several months or deterioration occurring at the end of the period for platforms reporting very frequently. The 6-month list is longer than most of the monthly lists because many ships cease reporting for variable periods of time, in many cases while they are in port or out of service. Only over a relatively long period, probably more than 6 months, is a representative sample obtained from all those ships providing observations.

3. MONITORING RESULTS

The monitoring results presented in this report relate only to data exchanged over the GTS. Observations from marine platforms are transmitted in one of two formats: the SHIP code, used for most observations from ships, moored buoys and other fixed platforms, and the BUOY code, used mostly for observations from drifting buoys. In this report, the term "ship observations" refers to those received in the SHIP code and the "drifting buoy observations" to those received in BUOY code. The SHIP code indicates whether the observation was made manually or by an automatic system and accordingly the sub-divisions "manual ship" and "automatic ship" will be defined.

3.1 Pressure

In the six-month period, January to June 2003, 1933734 observations of pressure were monitored at Bracknell from 3571 manual ships, 477 drifting buoys, and 291 automatic ships. The number of reports received from individual ships varies greatly as Table 1 demonstrates; apparently, a large percentage only report once. The reason for this is unclear but it may be a result of errors in the part of the message giving the ship identifier. A comparison with the corresponding table in report number 28 shows a continued decrease in the total number of identifiers, which is largely accounted for by the a further significant decrease in the number of identifiers reporting only 1 observation. Since most marine observations are located in the northern hemisphere, there is inevitably some seasonal variation in the number of vessels reporting, especially in the case of buoys, since new or replacement buoys are generally deployed in better weather conditions. Considering the general trends over previous reports, however, Figure 1 shows a downturn in the total number of identifiers, though this may have been due to seasonal factors.

Table 2 shows the number of observations of pressure that have been received over the GTS at the Met Office and processed, over past 6-month periods. Due to changes in data storage methods in May 1991, report number 5 covered the period January to May 1991 only, thence figures for January to June 1991 have been scaled-up in order to make a fair comparison with other 6-month periods; this may not be entirely accurate. Further changes in November 1993 for drifting buoys and automatic ships for pressure and winds, may have allowed duplication of a few identifiers in totals for the period June to December 1993, as reclassification from one observation type to another occurred. The observation distribution shown in Table 2 will also have been affected in the long term with a slight shift towards drifting buoys; no duplication of observations occurred however. (SST observations were not affected by the November 1993 change.) The period January to June 1998 is also based on only 5 months data (February-June), but the numbers of observations received have been scaled up, as in the 1991 case.

Figure 1 shows the information presented in Table 2 more clearly. It can be seen that the total number of observations remained fairly steady with only minor fluctuations until report number 11 (January-June 1994). Since that time however, there has been a steady increase in the total, with the number of observations of pressure nearly doubling between reports 11 and 16 (July-December 1996), a period of just 2.5 years. This increase was due to the larger number of reports from each drifting buoy, as reliability has improved; many drifting buoys now make several thousand observations of pressure during a 6-month period. The number of reports from drifting buoys now exceeds those for manual ships by around 130 %, with a just over 51 % of all marine pressure observations now being made by drifting buoys. The sudden increase seen in the number of automatic ships in report number 19 (January-June 1998) was due to observation processing changes at the Met Office, whereby all reports from 'automatic ships' are processed, rather than only one report per 6-hour assimilation period, as previously. Since then there has been a steady increasing trend in the total number of pressure reports.

A histogram of O-B differences for all ship pressure reports in the period January to June 2003 is shown in Figure 2a, together with the Gaussian distribution with the same mean and standard deviation. Although almost all values fall within the range +5 to -5 hPa, a small number of much larger values, presumably resulting from erroneous observations, contribute to the large standard deviation of the population. The distribution for all those observations which fail the automatic quality-control checks is broad (Figure 2b). The remaining 94.5 % of the observations, that pass the quality checks, show a distribution of O-B which is very close to Gaussian (Figure 2c) with mean 0.0 hPa and standard deviation 1.4 hPa. The principal contribution to the standard deviation is assumed to be from background errors.

A global estimate of the background error, such as that provided above, can conceal large spatial variations. Background values will be more accurate in data-rich areas (e.g.: in the North Sea or Mediterranean) or where the meteorological variability is low (e.g.: the tropics). The geographical distributions of the mean and standard deviation of the values of O-B from all ship observations which pass the quality-control checks, have been calculated for 10-degree latitude-longitude boxes and are plotted in Figures 3 and 4. In most areas, the magnitude of the mean is less than 1.0 hPa, the exceptions being generally where the sample size is small. The standard deviation is generally around 1.5 hPa. The number of ship pressure reports accepted by the model quality control in each 10-degree box is shown in Figure 5.

Table 3 contains a list of those ships and drifting buoys considered to have produced suspect observations of pressure in the period January to June 2003. Values over the six-month period are given for the number of observations of pressure available for Met Office global model runs, the number of observations differing from the model background value by more than 15 hPa (gross errors), and the mean and standard deviation of the model O-B. The number of times the identifier has appeared on the monthly suspect lists from the five monitoring centres is also given. In order to give a detailed picture of the frequency of reporting and any changes in the observation accuracy, 6-month time-series of O-B differences are given at the end of the report for each of the identifiers listed.

An interesting characteristic of the errors identified here, which soon becomes obvious on inspection of the time-series charts at the end of this report, is that most can be attributed to a bias in the observed pressure. In many cases, the bias is constant over the whole monitoring period; although some values depart greatly from the sample mean, presumably due to some gross error in the observation, these are generally isolated instances. In only a few cases are there regular large random departures from background. Those observing platforms listed in Table 3 which appeared in report number 28 (July to December 2002) have been indicated with an asterisk. A comparison of the statistics given here with those in the report number 27 (January to June 2002), clearly indicates that the bias in the pressure observations from a few ships has hardly changed for more than a year.

Statistics for those marine observing platforms listed in report number 28 and which do not appear in Table 3b, are given in Table 4 along with comments on the quality of their pressure observations. Time-series charts of the pressure observations from these platforms are not given. Less than 40 reports were received in the 6-month period for many of the ships on this list. Approximately 50 % of them, however, do show some improvement in the quality of their observations.

3.2 Wind

Monitoring observations of wind is more problematical than pressure. On most observing platforms, wind is measured using anemometers; the reported speed depends upon the averaging period and instrument height above sea level, which varies a great deal between platforms. Since large structures distort wind flow, the anemometer position relative to the wind bearing and platform structure does affect the measurement. (These factors do not apply to those ship observations where wind speed is based on visual estimates of the sea state e.g. the UK VOF fleet.)

In these monitoring results, the background winds are valid at a height of 10 metres above mean sea level; slightly lower than the average height of ship anemometers. Where anemometer height is much different from 10 metres, a significant O-B speed bias may be evident. Examples of this are, observations from oil rigs or tankers with anemometer heights of 50m or more (although the speeds reported by some rigs are now adjusted on board to be nominal 10m values) and buoys, where the anemometer can be as low as 2m.

In the period January to June 2003, 1042676 wind observations were available for monitoring at Bracknell, from 3697 manual ships, 113 drifting buoys, and 350 automatic ships. (More detail is given in Table 1.) The number of reported manual ship identifiers has continued to decrease, whilst there were also reductions in the numbers of drifting buoys and automatic ships. As stated for pressure observations, the large increase in the number of monitored wind observations, seen in report number nineteen, was largely due to the inclusion of all 'automatic ship' data, not just one report in each six hour period.

Histograms of O-B differences for ship observations of wind speed are presented in Figures 2d, 2e and 2f and of wind direction in Figures 2g, 2h and 2i. As with observations of pressure, those wind observations that fail the quality-control checks differ most from background, some by as much as 50 ms^{-1}, and they make a large contribution to the variance of O-B. The distributions of O-B wind speed and direction for the remaining 91 % of the observations are nearly Gaussian. There is a speed bias of 1.1 ms^{-1} relative to background, with a direction bias of just –1.5°.

Figures 6 and 7 show the geographical distributions over the six-month period of the mean and standard deviation of O-B for ship observations of wind speed that pass the quality-control checks. The numbers of wind reports used to generate these statistics are presented in Figure 8. The standard deviation of O-B wind speed is typically 2.5 to 4 ms^{-1} in middle latitudes and 2 to 3 ms^{-1} in the tropics. The bias is generally around +1 ms^{-1}, but exceeds +2 ms^{-1} in a few places. Similar distributions of the mean and standard deviation of O-B wind direction are shown in Figures 9 and 10. Only reports where both the observed and background wind speeds are greater than 5ms^{-1} were used to obtain these values. The magnitude of the bias is less than 10 degrees in most places. The standard deviation is generally between 20 and 30 degrees globally but in some data-sparse areas, it is as large as 40 or 50 degrees. The numbers of reports of wind direction used to generate these statistics are presented in Figure 11.

Figures 6-11 provide reference values against which to compare the O-B characteristics for different marine observing platforms. Table 5 contains a list of those ships and drifting buoys considered to have produced suspect observations of wind speed in the period January to June 2003, and in Table 7 a similar list is provided for wind direction. Values are given for the number of observations of wind received at the Met Office, the number of observations having a vector difference from background of more than 25ms^{-1} (gross errors), and the mean and standard deviation of O-B. Time-series of O-B are given at the end of the report for each listed identifier. In the majority of the cases of suspect speed observations, a constant bias is clearly evident. Errors in observations of direction are more random in nature. Tables 6 and 8 contain statistics for platforms reporting in ship code which are not included in Tables 5 and 7 but that

were listed in the previous report, for wind speed and direction respectively. Time-series plots for these identifiers are not included in this report.

3.3 Sea-surface temperature

In the six-month period January to June 2003, a total of 2324123 observations of SST were monitored at the Met Office, from 3225 manual ships, 953 drifting buoys and 310 automatic ships. Of the total, 416652 were from manual ships, 1445392 from drifting buoys and 462079 from automatic ships. (More detail is given in Table 1.) For the same reasons as stated for pressure observations, it appears that many identifiers report only once during the six-month period. The number of both manual and automatic ships decreased for the current period, although the number of drifting buoys registered a slight rise. Despite there being a relatively small number of drifting buoys, they contribute a substantial percentage of the total number of SST observations received. This is due to the frequency of buoy observations; hourly in many cases, with ships tending to report only at the main synoptic hours.

Histograms of O-B differences for all ship SST reports are shown in Figures 2j, 2k and 2l. As with observations of pressure and wind, those SST observations that fail the quality-control checks differ most from background and make a large contribution to the variance of O-B. The distribution of O-B SST for the remaining 86 % of the observations is nearly Gaussian. There is a bias of 0.1 °C relative to background.

Figures 12 and 13 show the geographical distributions over the three-month period of the mean and standard deviation of O-B for ship observations that pass the quality control checks. The numbers of reports used to generate these statistics are presented in Figure 14. The bias is generally around 0.5°C and the standard deviation 1 to 2°C. Particular exceptions to this tend to show up where the number of observations is relatively low.

Table 9 contains a list of the ships and drifting buoys considered to have produced suspect observations over the 6-month period. The comments given in each case provide an indication of the main reason for the station to be listed as suspect; time-series charts have also been plotted for SST and are included at the end of the report. The majority of the identifiers appearing on the list do so because of bias. Table 10 gives details of the performance over the latest 6-month period of ships which were considered suspect in the previous period but which do not appear in Table 9.

4. SUMMARY

119 marine observing platforms are listed as producing suspect observations of pressure over the period January to June 2003, 136 as producing suspect wind observations and 143 as producing suspect SST observations. The first report issued by RSMC Bracknell, for the period January to June 1989, listed 150 marine platforms producing suspect observations of pressure. With the selection criteria remaining unchanged, an initial reduction in the number of platforms listed as suspect was followed by a series of reports listing similar numbers of suspects but this report (29) shows a reduction in the number of suspects for each of the reported variables (pressure, wind and SST), which is possibly linked to an increase in the effectiveness of the remedial actions. When considered alongside the fluctuations in numbers of platforms reporting and observations monitored, this trend does not, it seems, represent decreasing observation quality.

The most common characteristic in the case of identifiers listed as producing suspect pressure observations is bias in the reported pressure, sometimes remaining constant for many months. In the case of wind suspects, the most common reason for listing a platform is a bias in the reported wind speed, while a few show large standard deviations or biases in wind direction. For sea-surface temperature observations, bias is again the most common cause of error.

The selection criteria have been set sufficiently stringent to ensure that the platforms listed are only those for which there is a high degree of confidence in their reports having errors. There are many others, not listed here, for which there must be considerable doubt over the quality of the observations. A wider range of monitoring results is available from the Met Office on request.

TABLE 1: FREQUENCY DISTRIBUTION OF THE NUMBER OF REPORTS OF PRESSURE, WIND AND SEA SURFACE TEMPERATURE FROM INDIVIDUAL IDENTIFIERS AVAILABLE FOR MONITORING AT BRACKNELL, JANUARY TO JUNE 2003.

Number of reports	Number of manual ships reporting			Number of drifting buoys reporting			Number of automatic ships reporting		
	Press.	Wind	SST*	Press.	Wind	SST*	Press.	Wind	SST*
1	793	865	738	37	31	21	42	47	40
2-10	527	546	469	7	5	6	9	15	13
11-20	202	208	208	2	2	6	4	5	1
21-40	272	282	255	4	2	10	4	4	4
41-100	591	605	562	6	3	44	12	18	11
101-200	640	651	516	11	2	44	15	14	8
201-500	449	450	369	27	8	96	35	44	40
501-1000	42	41	47	63	22	146	25	56	58
1001-1500	24	25	13	50	14	169	28	31	28
1500+	31	24	48	270	24	411	117	116	107
Total	3571	3697	3225	477	113	953	291	350	310
(Report 28)	(4311)	(4396)	(3567)	(504)	(125)	(921)	(380)	(436)	(363)

* numbers are for automatic (fixed) buoys only

TABLE 2: NUMBER OF OBSERVATIONS OF PRESSURE RECEIVED AT BRACKNELL ON THE GTS FOR EACH OF THE SIX-MONTH PERIODS COVERED BY THE WMO REPORTS ON THE QUALITY OF MARINE OBSERVATIONS.

Period	WMO report number	Number of Observations			
		Manual ships	Drifting buoys	Automatic ships	Total
Jan - Jun 1989	1	424087	174971	40082	639140
Jul - Dec 1989	2	421315	151972	58016	631303
Jan - Jun 1990	3	424335	177927	63847	666109
Jul - Dec 1990	4	412430	205488	71146	689064
Jan - Jun 1991	5	364760	177069	64401	606230
Jul - Dec 1991	6	348710	148604	68456	565770
Jan - Jun 1992	7	332443	216872	73893	623208
Jul - Dec 1992	8	336958	247873	80862	665693
Jan - Jun 1993	9	340293	288208	77317	705818
Jul - Dec 1993	10	348082	316261	88650	752993
Jan - Jun 1994	11	334134	279963	111928	726025
Jul - Dec 1994	12	383760	305618	142468	831846
Jan - Jun 1995	13	369781	407111	124537	901429
Jul - Dec 1995	14	394016	528938	138653	1061607
Jan - Jun 1996	15	430162	566035	122909	1119106
Jul - Dec 1996	16	477928	621869	133221	1233018
Jan - Jun 1997	17	446530	623835	122178	1192543
Jul - Dec 1997	18	453399	684292	140227	1277918
Jan - Jun 1998	19	426622	700743	423217	1550582
Jul - Dec 1998	20	443548	700239	497313	1641100
Jan - Jun 1999	21	432506	697983	466311	1596800
Jul - Dec 1999	22	448996	771624	500070	1720690
Jan - Jun 2000	23	443023	772510	455799	1671332
Jul - Dec 2000	24	477828	829588	512338	1819754
Jan - Jun 2001	25	458345	784686	465887	1708918
Jul - Dec 2001	26	473887	914744	554002	1942633
Jan - Jun 2002	27	443876	1111699	517200	2072775
Jul - Dec 2002	28	544433	952313	595959	2092705
Jan - Jun 2003	29	432672	994877	506185	1933734

TABLE 3: LIST OF MARINE OBSERVING PLATFORMS REPORTING SUSPECT PRESSURE OBSERVATIONS OVER THE PERIOD JANUARY TO JUNE 2003.

Column 1 Call sign or identifier.
Column 2 Number of pressure observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of pressure observations differing by more than 15 hPa from background (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.
Columns 6-10 Number of times observing platform has appeared on suspect lists. B=Bracknell, E=ECMWF, F=MétéoFrance, T=Tokyo, W=Washington.
Column 11 Comments on quality of pressure observations.

Notes:
1. Units are hPa.
2. Observing platforms marked with an asterisk were listed in the previous report July to December 2002)

Table 3a: Platforms reporting in BUOY code

i): Platforms ***non-operational*** *at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
14911	2083	61	3.3	3.2	2	2	2	2	2	Bias and GE at end of period
15921	720	383	4.1	6.2	2	2	2	2	2	Bias and GE
16561	1129	61	6.4	2.3	1	1	1	1	1	Bias and SD
17516	1702	61	3.5	-1.3	1	1	0	1	1	Bias, SD, GE during April
17518	1183	2	2.4	2.7	1	1	0	1	1	Bias at end of period
17519	611	59	4.3	6.0	2	2	2	1	2	Bias
17568	2327	109	2.8	-0.4	0	0	0	0	1	Bias, SD during March/April
21901	277	46	0.9	0.7	1	0	1	0	1	GE at end of period
21904	277	39	0.9	1.1	1	0	1	0	1	GE
23594	1136	25	0.6	-0.4	1	1	1	1	1	GE
31537	317	34	1.8	-0.1	1	1	1	1	1	GE
31970	820	47	1.8	1.4	1	1	1	1	1	GE
33512	2098	534	4.6	-2.4	3	3	3	3	3	Bias and GE
33613	3558	3	1.8	-0.2	0	0	0	0	0	Bias and SD at end of report
33614	3727	223	2.1	-0.6	1	1	0	1	1	Bias, GE at end of period
33651	852	25	2.8	-0.4	0	0	0	0	0	Bias at end of period
41649	3070	1	1.1	-2.6	1	1	1	1	0	Bias at end of period
44604	445	19	4.4	3.2	0	0	0	0	0	SD
44617	169	0	3.4	5.7	1	1	1	0	2	Bias
44769	3083	37	2.0	-0.7	1	1	1	0	1	Bias and GE

Continued →

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
46641	2006	5	1.5	0.2	0	0	0	0	0	Bias at end of period
48585	2450	0	1.2	0.4	0	0	0	0	0	Bias at end of period
48587	416	12	0.8	-0.5	0	0	0	0	0	GE
53567	1457	0	2.9	1.7	1	1	1	1	1	Bias
55616	963	19	3.2	3.5	1	1	0	0	0	Bias and SD
55630	1431	47	1.5	0.3	1	1	1	1	1	GE
55905	1615	3	1.9	-0.6	1	1	1	1	1	Bias
55916	2378	16	2.7	2.6	1	1	0	0	0	Bias
56513	1055	0	2.0	-0.3	0	0	0	0	1	Bias
56529	2832	272	4.0	2.8	2	2	2	1	2	Bias and GE
56538	202	138	0.7	0.8	1	1	1	1	1	GE
61532	349	43	2.7	10.3	3	3	3	3	3	Bias
61670	1113	306	2.1	-0.2	2	2	2	1	2	Bias, SD and GE
61673	1003	466	5.8	1.6	3	3	3	2	3	SD and GE
61679	1473	153	2.7	1.3	1	1	1	1	1	Bias, SD at end of period
62696	3967	205	2.5	0.1	1	1	1	1	1	Bias, GE at end of period
62805	42	42	---	---	1	1	1	0	1	GE
64522	958	79	2.0	0.0	0	0	0	0	0	GE
64553	532	55	4.0	-0.8	0	0	0	0	0	Bias
64606	112	0	3.8	0.3	0	0	0	0	0	Bias and SD
71541	55	55	---	---	2	2	2	0	2	GE
74532	1007	0	1.3	0.3	0	0	0	0	0	Bias

ii): Platforms ***operational*** *at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
14907	2860	2	1.6	0.8	0	0	0	0	0	Bias at end of period
17517	4000	33	1.0	-0.4	0	0	0	0	0	GE at end of period
33590	3728	21	3.0	0.2	0	0	0	0	0	Bias and SD
55612	2954	13	2.0	0.4	0	0	0	0	0	Bias
56537	1822	6	2.8	0.6	0	0	0	0	0	Bias at end of period
62554	1590	3	1.2	0.2	0	0	0	0	0	Bias at end of period
73651	3357	30	3.4	2.0	0	1	0	0	0	Bias

Table 3b: Platforms reporting in SHIP code

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
CGSQ	69	0	4.6	-0.4	0	0	0	0	0	SD
CG2522 *	767	642	3.7	-7.7	2	0	2	1	2	Bias and GE
CG2556 *	69	1	2.0	-10.8	2	0	2	0	2	Bias
CYLX	46	0	5.1	-2.8	0	0	0	0	1	Bias and SD
C6FE6	160	0	3.6	0.7	1	1	1	1	0	Bias at end of period
C6KE3 *	63	0	2.5	-3.8	0	0	0	0	0	Bias
C6SI4	158	1	1.8	2.4	1	0	0	0	1	Bias at end of period
DBBI	3616	7	1.3	2.0	0	0	0	0	0	Bias since April
DICB	193	0	2.6	4.1	4	4	4	4	4	Bias
DIHN	112	0	2.9	1.0	1	1	1	0	1	Bias at end of period
DNHS	42	5	5.1	-0.5	0	0	0	0	0	SD
DPUW	73	1	1.5	3.4	1	1	1	1	1	Bias at end of period
DQVO	281	0	1.8	0.8	1	1	1	0	1	Bias at end of period
D3EXQ9D	85	0	1.2	-3.3	0	0	0	0	0	Bias
D5XH *	109	0	2.3	-3.1	1	0	0	0	0	Bias
ELYD5	67	0	2.5	-3.3	2	2	0	0	0	Bias
KMJL *	175	3	1.7	-4.3	4	4	2	1	2	Bias
KS014 *	152	0	1.7	-0.1	0	0	0	0	0	SD at end of period
LAOL5 *	93	0	3.7	4.6	2	2	2	1	3	Bias
OUKN2	116	1	0.9	-6.2	3	1	3	0	2	Bias
OWDD *	172	1	3.2	-2.1	1	1	0	0	1	Bias at end of period
OYYK2	258	0	2.0	2.4	0	0	0	0	2	Bias at end of period
OZFC2	76	3	1.3	-3.3	0	0	0	0	0	Bias
SHIPDO	60	18	1.1	-0.3	1	0	0	0	0	GE at end of period
S6DH *	79	0	2.6	3.8	0	0	0	0	0	Bias
S6HU8	330	0	1.6	2.6	1	0	0	0	2	Bias at end of period
S6JQ	47	0	1.7	3.5	0	1	1	0	1	Bias
S6JR	52	0	1.7	3.5	1	1	1	0	1	Bias
UANF *	64	1	2.8	-0.4	0	0	0	0	0	SD
UBXP	305	3	1.7	-2.1	0	0	0	0	0	Bias reduced
UCJB *	176	1	0.9	-4.1	2	4	2	2	2	Bias
UCJL *	166	1	1.9	3.8	2	2	2	1	2	Bias
UCJS	54	0	1.1	-5.4	1	1	1	0	1	Bias
UCSS *	40	0	4.1	0.2	0	0	0	0	0	SD
UCUC	149	81	2.2	-1.8	2	3	1	0	2	GE at end of period
UDKC	60	0	1.7	4.0	1	0	0	0	1	Bias
UDWH	47	0	1.4	4.1	1	1	0	0	1	Bias
UDYG	129	2	5.6	0.7	1	1	1	1	0	SD
UFAA *	159	1	4.5	1.3	2	1	1	1	2	Bias at end of period
UFEQ	40	11	3.8	-3.6	1	1	0	0	1	Bias

Continued →

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
UGGA *	238	2	1.9	-3.6	1	2	2	0	2	Bias
UHLE *	264	3	1.8	-8.2	6	6	6	0	6	Bias
UIAG *	41	10	6.3	-5.5	1	1	1	0	1	Bias, SD
UIAI *	80	0	3.8	-3.5	0	1	0	0	0	Bias
UIDS	72	0	5.9	1.3	0	0	0	0	0	SD
UIZE	179	7	3.8	-7.6	2	2	2	1	2	Bias
VCLX *	79	77	2.1	1.7	3	2	1	0	3	GE
VJT6198 *	42	0	3.7	-6.4	1	0	1	1	1	Bias
VMGO	101	2	3.1	3.9	2	2	2	0	2	Bias
VOWN	43	22	4.0	-1.3	0	1	0	0	1	GE
VTXG *	159	0	1.9	2.8	1	1	1	1	2	Bias
VVKT *	67	0	2.6	-3.6	0	0	1	0	0	Bias
V2AR5	180	0	2.2	-5.2	3	0	3	3	3	Bias
V2AZ5	127	0	5.2	1.7	2	2	1	1	2	SD
V2KU	151	5	4.4	-0.4	1	2	2	2	2	SD
V2MH	257	0	2.0	-4.0	3	3	3	3	3	Bias
V7DY3	93	0	1.4	3.3	0	0	0	0	2	Bias
WDCJ	132	3	1.7	5.5	2	3	3	1	3	Bias
WDJK	93	1	1.8	-3.0	0	0	0	0	0	Bias
WE4879	49	1	1.6	-4.4	1	0	1	0	1	Bias
XPYM *	252	2	1.4	4.3	4	2	4	3	4	Bias
XXXX	47	0	2.5	-3.3	0	0	0	0	0	Bias
3FHB8	276	1	1.6	3.3	0	0	0	0	0	Bias
3FOC5 *	146	0	1.3	5.5	4	0	4	1	4	Bias
31057 *	2535	400	4.4	6.5	2	2	2	2	2	Bias
4XFX	144	1	2.4	3.0	1	1	1	1	1	Bias
42044 *	95	0	1.8	3.6	0	0	0	0	0	Bias
48092 *	313	260	7.4	-4.6	2	2	2	0	2	Bias, SD and GE
62166	445	1	4.5	1.7	1	0	1	0	3	Bias
63108 *	739	0	3.7	2.4	2	2	2	2	2	Bias

TABLE 4: LIST OF PLATFORMS REPORTING IN SHIP CODE NOT APPEARING IN TABLE 3 BUT LISTED AS SUSPECT OVER THE PERIOD JULY TO DECEMBER 2002.

Column 1 Call sign or identifier.
Column 2 Number of pressure observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of pressure observations differing by more than 15 hPa from background (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.
Column 6 Comments on quality of pressure observations.

Notes: 1. Units are hPa

Identifier	N Obs.	NGE	SD	Bias	Comments
BOAB	44	0	3.0	-1.2	Bias reduced
CGDS	755	27	0.9	0.6	Bias and GE reduced
CGDX	148	0	1.7	1.3	Bias reduced
CG2350	510	4	1.2	0.6	Bias and GE reduced
CG2960	1492	57	0.9	0.3	Bias reduced
CG2992	726	313	4.4	-3.3	Bias reduced at end of period
C6FN4	126	0	1.1	-1.0	Bias and SD reduced
C6KD6	291	1	2.5	1.8	Bias reduced
C6LU3	305	0	2.3	-1.7	Bias reduced
C6MX4	0	---	---	---	No reports
C6QK	116	1	4.1	5.6	Bias reduced at end of period
DEOF	15	2	9.7	-2.8	Less than 40 reports
ELWX5	2374	0	0.7	1.7	Bias and SD reduced
ELXB5	20	0	0.6	4.1	Less than 40 reports
ELYP8	98	0	2.4	-1.1	SD reduced
ELZF7	253	0	2.4	-0.6	Bias reduced
ELZW3	0	---	---	---	No reports
HODM	118	0	1.6	-2.0	Bias reduced
H9LA	96	0	2.0	-1.3	Bias reduced
KCDK	24	2	1.0	-1.6	Less than 40 reports
KS000	785	2	1.0	0.0	Bias reduced
KS002	3	0	0.2	0.3	Less than 40 reports
KS003	0	---	---	---	No reports
KS004	976	0	0.7	0.9	GE reduced
KS006	273	0	0.6	2.9	Bias reduced
KS010	456	0	0.6	0.6	Bias reduced
KS012	0	---	---	---	No reports
KS025	1186	0	1.0	-1.7	Bias reduced
LADQ4	100	0	1.3	-2.5	Bias reduced
LAVV4	151	0	2.3	1.3	Bias reduced

Continued →

Identifier	N Obs.	NGE	SD	Bias	Comments
MVLA7	0	---	---	---	No reports
OUSE6	0	---	---	---	No reports
OZNF2	0	---	---	---	No reports
OZZB2	86	0	2.5	2.3	Bias reduced
PDGS	176	0	1.7	1.5	Bias reduced
PFBE	88	0	1.2	-1.5	Bias reduced
PJKS	156	0	2.3	2.5	Bias and SD reduced
P3NK5	35	0	3.7	6.5	Less than 40 reports
P3YS5	370	0	2.8	2.9	Bias reduced at end of period
SGIX	27	1	0.9	-3.8	Less than 40 reports
UAMR	0	---	---	---	No reports
UBAU	91	0	2.1	-3.2	Bias reduced
UCAC	58	0	2.0	2.1	Bias reduced
UCTA	186	0	2.8	-0.1	Bias reduced
UCTS	78	0	2.4	-0.6	Bias reduced
UCUD	97	0	2.5	-2.2	Bias and SD reduced
UCUE	104	0	1.9	-0.8	Bias reduced
UDUR	152	0	1.6	-1.0	Bias reduced
UFNO	161	0	1.4	1.0	Bias reduced
UGTY	37	0	1.4	1.6	Less than 40 reports
UHJU	73	0	1.6	-1.3	SD and GE reduced
UHRT	31	4	2.3	0.4	Less than 40 reports
VCPX	75	0	1.6	-2.6	Bias reduced
VCQM	20	0	3.6	0.4	Less than 40 reports
VCQN	10	7	3.6	-4.7	Less than 40 reports
VCRT	0	---	---	---	No reports
VDRC	37	13	1.6	-3.1	Less than 40 reports
VGDT	14	0	2.0	-0.2	Less than 40 reports
VGFQ	182	2	2.2	-1.9	GE reduced
VRUR	2	0	0.7	0.3	Less than 40 reports
V7BX2	31	0	1.5	-3.4	Less than 40 reports
V7CY9	0	---	---	---	No reports
WCY3172	23	0	3.4	3.0	Less than 40 reports
WCY7054	27	1	1.4	5.3	Less than 40 reports
WCZ8589	77	1	3.5	0.7	SD reduced
WE6970	0	---	---	---	No reports
WYL4978	59	1	3.3	-0.5	Bias reduced
XXAN	11	0	2.5	0.6	Less than 40 reports
YCTJ	68	0	1.1	0.0	Bias and GE reduced
ZIZP9	115	0	1.6	-0.1	Bias reduced

Continued →

Identifier	N Obs.	NGE	SD	Bias	Comments
ZNTL4	0	---	---	---	No reports
13504	0	---	---	---	No reports
13508	0	---	---	---	No reports
15910	0	---	---	---	No reports
16527	0	---	---	---	No reports
17903	0	---	---	---	No reports
210	0	---	---	---	No reports
23638	0	---	---	---	No reports
23641	0	---	---	---	No reports
23648	0	---	---	---	No reports
23949	0	---	---	---	No reports
3FAP5	48	1	0.8	0.4	Bias and SD reduced
3FKD6	479	0	1.2	-3.1	Bias reduced
41001	3906	0	0.8	-0.6	SD reduced
41525	0	---	---	---	No reports
41536	0	---	---	---	No reports
42043	32	0	0.4	3.9	Less than 40 reports
44511	0	---	---	---	No reports
44743	0	---	---	---	No reports
56554	0	---	---	---	No reports
61664	0	---	---	---	No reports
62138	504	1	1.2	1.3	Bias reduced
62143	50	0	0.6	1.2	Bias reduced
62301	4100	1105	5.6	1.8	Bias, GE reduced at end of period
62697	0	---	---	---	No reports
71543	0	---	---	---	No reports
71566	0	---	---	---	No reports
74519	0	---	---	---	No reports
8PNI	0	---	---	---	No reports
9HER7	25	1	1.2	3.5	Less than 40 reports
9MCR3	46	1	2.0	0.9	Bias reduced
9VHZ2	0	---	---	---	No reports
9VVS	29	0	1.5	3.9	Less than 40 reports

TABLE 5: LIST OF MARINE OBSERVING PLATFORMS REPORTING SUSPECT WIND SPEED OBSERVATIONS OVER THE PERIOD JANUARY TO JUNE 2003.

Column 1 Call sign or identifier.
Column 2 Number of wind speed observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of wind observations with vector difference from background of more than 25ms $^{-1}$ (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.
Column 6-10 Number of times observing platform has appeared on suspect lists. B=Bracknell, E=ECMWF, F=MétéoFrance, T=Tokyo, W=Washington.
Column 11 Comments on quality of wind speed observations.

Notes:
1. Units are ms^{-1}
2. Observing platforms marked with an asterisk were listed in the previous report (July to December 2002)

Table 5a: Platforms reporting in BUOY code

i): Platforms ***non-operational*** *at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
21901	1289	505	3.6	11.1	2	1	2	0	2	Bias and GE
21903	3593	779	7.5	4.5	1	1	1	0	1	Bias and SD
21904	1131	978	5.6	17.7	2	1	2	0	2	Bias, SD, GE
21905	4002	528	7.2	3.9	1	1	1	0	1	Bias and SD
21907	1208	1	6.3	5.2	1	0	1	0	0	Bias and SD
41503	3216	374	2.1	0.2	1	1	1	0	1	Bias, SD, GE at end of period
41534	3591	24	1.9	-0.2	0	0	0	0	0	GE at end of period
44602	950	49	4.9	0.5	0	0	0	0	0	SD and GE at end of reports
52516	2844	152	5.3	0.6	2	1	1	0	1	Bias at end of period
52521	236	0	3.3	-0.7	0	0	0	0	0	SD
52533	366	0	3.1	-5.8	1	1	1	1	1	Bias
52537	839	0	3.7	-7.0	2	2	2	2	2	Bias
52643	908	51	6.1	-5.1	1	1	1	1	1	Bias and SD
52648	760	12	4.5	5.5	1	1	1	0	1	Bias
52657	3335	169	4.8	2.5	1	1	1	0	1	Bias, GE at end of period

*ii): Platforms **operational** at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
21906	1193	10	6.2	4.6	0	0	0	0	0	Bias and SD

Table 5b: Platforms reporting in SHIP code

Identifier		N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
A8BJ7		138	0	4.1	3.4	1	0	1	1	0	Bias at end of reports
CYLY	*	125	1	3.7	4.9	0	0	1	0	0	Bias
C6JD9		43	3	7.2	7.5	0	0	0	0	0	Bias and SD
C6KU8		45	5	10.3	10.9	1	0	0	0	0	Bias and SD
DGVZ		53	0	6.7	6.6	1	1	1	0	0	Bias and SD
DLCX		73	0	4.8	5.3	1	1	1	1	1	Bias
D3EXQ9D		81	5	5.8	5.6	0	0	1	0	1	Bias
ELTY4		126	0	5.8	5.2	2	2	2	0	2	Bias at end of period
ELYL8		135	1	4.0	3.3	1	1	1	1	1	Bias at end of period
ELZF9		115	0	3.0	4.3	1	1	1	1	0	Bias
GBRP		114	0	3.8	5.1	1	0	2	0	0	Bias
HP6038	*	1290	1	3.4	4.7	2	0	2	2	0	Bias
KS000	*	838	0	2.7	-4.6	3	2	1	1	2	Bias
KS004	*	976	0	2.0	-4.7	4	2	1	2	4	Bias
KS006	*	273	0	2.1	-5.8	3	3	3	3	3	Bias
KS010	*	456	0	1.9	-5.6	3	3	2	2	3	Bias
KS014		155	0	2.4	-5.0	1	0	0	0	0	Bias
KS025	*	1210	0	2.6	-4.3	4	2	1	2	3	Bias
OVYB2		312	0	3.5	2.3	1	1	1	1	1	Bias at end of period
OWVI2	*	222	2	5.4	3.6	2	2	2	2	2	Bias in March
UCTA		187	1	5.0	-2.3	2	2	1	1	1	Bias
UDUR		158	0	3.1	-5.6	3	7	1	3	4	Bias
UIAG		41	1	5.4	6.1	1	1	1	0	1	Bias
VB6367		42	0	4.8	6.4	0	0	1	0	1	Bias
VEP717		1155	2	4.0	5.0	3	0	2	2	2	Bias
VGLZ	*	127	0	3.3	6.8	0	0	1	0	3	Bias
VNSZ	*	1842	0	3.7	5.1	1	0	6	2	1	Bias
VTXK		209	1	4.8	4.5	3	1	0	2	0	Bias
VVJS		56	1	6.2	2.5	1	1	1	0	0	Bias and SD
V2FN	*	65	1	4.3	13.6	2	2	0	1	2	Bias

Continued →

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
WE4879	49	0	4.3	5.1	0	0	1	0	0	Bias
WFJK	70	0	4.2	4.6	0	0	0	0	0	Bias
WQZ9670	116	1	3.8	4.5	0	0	0	0	0	Bias
ZCBD2	134	0	4.6	5.6	2	2	2	0	1	Bias
ZCDF4	44	2	6.3	5.1	0	0	0	0	0	Bias and SD
3FZM6	200	6	4.8	2.9	0	0	1	0	0	SD
3FZM7	56	0	3.3	-5.2	1	1	1	1	1	Bias
42023	3040	0	1.7	-0.6	0	0	0	0	1	Bias at end of period
44025	2408	0	1.9	0.3	0	1	0	0	0	Bias at end of reports
44145 *	134	0	4.4	5.4	1	1	1	1	0	Bias
46131 *	4137	0	2.9	3.4	0	0	0	0	0	Bias
46146 *	4034	0	2.6	3.6	0	0	0	0	0	Bias
64046	1065	5	3.5	-1.8	0	1	0	0	0	Bias at end of reports
9MBR8	283	3	5.1	7.1	3	3	3	3	3	Bias and SD

TABLE 6: LIST OF PLATFORMS REPORTING IN SHIP CODE NOT APPEARING IN TABLE 5 BUT LISTED AS SUSPECT OVER THE PERIOD JULY TO DECEMBER 2002.

Column 1 Call sign or identifier.
Column 2 Number of wind speed observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of wind observations with vector difference from background of more than 25ms^{-1} (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.
Column 6 Comments on quality of wind speed observations.

Notes: 1. Units are ms^{-1}

Identifier	N Obs.	NGE	SD	Bias	Comments
A8AM7	217	1	4.2	5.1	Bias reduced
CFD6824	18	0	3.0	3.7	Less than 40 reports
C6SN2	262	0	3.0	1.3	Bias and SD reduced
C6T2063	148	0	2.3	1.6	Bias reduced
DANM	65	0	4.8	4.1	Bias reduced
DBBI	3646	1	2.1	-1.7	Bias reduced
DEHZ	147	0	4.3	2.4	Bias reduced
ELRR4	0	---	---	---	No reports
ELWU8	52	0	5.1	3.0	SD reduced
ELYB2	227	1	2.9	3.0	Bias reduced
ELYL9	75	0	2.4	1.6	Bias reduced
ELZB9	0	---	---	---	No reports
GYYP	1271	0	3.9	2.2	Bias, SD, GE reduced
H9RS	248	0	2.4	2.3	Bias reduced
KRLZ	236	0	2.5	0.7	Bias reduced
KS002	3	0	0.3	-6.4	Less than 40 reports
KS005	454	0	1.7	-4.3	Bias reduced
LAGB5	100	0	2.6	2.0	Bias reduced
MVXQ8	8	0	1.9	2.5	Less than 40 reports
OUSE6	0	---	---	---	No reports
OWDD	172	0	3.7	1.9	Bias and SD reduced
OYVQ2	106	1	3.1	3.2	Bias reduced
OZQS2	334	1	4.7	4.1	Bias and SD reduced
PJVM	768	1	2.7	2.3	Bias reduced
TSMU	26	0	2.8	3.9	Less than 40 reports

Continued →

Identifier	N Obs.	NGE	SD	Bias	Comments
VCLM	778	0	3.5	-0.3	Bias and SD reduced
VCPZ	39	0	3.3	4.9	Less than 40 reports
VLKG	128	0	3.7	1.7	Bias and SD reduced
VLST	0	---	---	---	No reports
V2AQ3	130	2	6.7	6.3	Bias reduced at end of period
V2AZ5	127	1	4.2	0.2	Bias reduced
V7AY2	104	1	2.7	0.8	Bias reduced
ZCDE3	114	0	2.3	1.2	SD reduced
3ETX6	441	18	4.6	4.3	Bias reduced
3FAP5	48	0	2.7	0.9	Bias reduced
3FPK7	0	---	---	---	No reports
3FZM	3	0	2.2	-1.6	Less than 40 reports
41667	0	---	---	---	No reports
44013	4156	0	2.2	2.1	Bias reduced
44029	1557	0	2.1	1.2	Bias reduced
44034	1701	0	2.2	-0.5	Bias reduced
44139	82	0	1.1	-1.2	Bias and SD reduced
44142	631	0	3.4	-1.7	Bias and SD reduced
45138	878	0	2.0	0.7	Bias and SD reduced
46181	4124	0	3.2	2.5	Bias reduced
52529	0	---	---	---	No reports
62147	50	0	2.9	3.1	Bias reduced
64045	3928	11	2.1	-2.6	Bias reduced
9MET	0	---	---	---	No reports
9WCY2	40	0	3.1	-1.2	Bias and SD reduced

TABLE 7: LIST OF MARINE OBSERVING PLATFORMS PRODUCING SUSPECT WIND DIRECTION OBSERVATIONS OVER THE PERIOD JANUARY TO JUNE 2003 .

Column 1 Call sign or identifier.
Column 2 Number of wind direction observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of wind observations with vector difference from background of more than 25ms^{-1} (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.
Column 6-10 Number of times observing platform has appeared on suspect lists. B=Bracknell, E=ECMWF, F=MétéoFrance, T=Tokyo, W=Washington.
Column 11 Comments on quality of wind direction observations.

Notes:
1. Units are degrees (°).
2. Observing platforms marked § had a significant speed bias at some time within the period and the statistics and their plots refer to direction reports associated with background wind speeds greater than 5 ms^{-1} . If no significant speed bias was present, the statistics and plots refer to direction reports with an observed speed greater than 5 ms^{-1}.
3. Observing platforms marked with an asterisk were listed in the previous report (July to December 2002)

Table 7a: Platforms reporting in BUOY code

i): Platforms ***non-operational*** *at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
21901 §	1289	505	55.0	81.6	2	1	2	0	2	Bias, GE
21902 §	1301	8	42.9	77.6	2	1	2	1	2	Bias and SD
21904 §	1131	893	98.2	41.8	2	1	2	0	2	Bias, SD, GE
23594	1130	0	41.6	85.4	1	3	4	3	3	Bias
41648	1875	3	40.9	58.3	3	3	3	3	3	Bias and SD
52643 §	908	26	39.5	-53.7	2	2	2	2	2	Bias and GE

ii): Platforms ***operational*** *at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
21535	3571	0	38.2	-26.5	1	5	6	1	2	Bias
21909 §	1313	28	47.7	54.1	1	1	1	0	1	Bias and SD
41532	4132	1	33.5	31.0	2	3	5	2	2	Bias
44585 §	1031	20	50.5	42.8	3	3	3	3	3	Bias, SD, GE

Table 7b: Platforms reporting in SHIP code

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
A8AA4 *	171	1	56.5	3.1	0	0	0	0	0	SD
A8AX4	98	0	63.9	-19.7	0	0	0	0	0	Bias and SD
A8BL2	85	0	68.6	4.0	0	0	0	0	0	SD
CTFJ	120	0	65.0	0.9	0	1	1	0	1	SD
C6CM7	73	0	62.4	-14.8	0	0	0	0	0	SD
C6KD4 *	337	0	57.1	-7.9	0	0	0	0	0	Bias
C6PW2 *	269	0	52.5	-21.3	0	0	0	0	0	Bias
C6QK	116	0	62.0	2.2	0	0	0	0	0	SD
C6YW	223	0	65.8	-8.2	0	0	0	1	3	Bias and SD
DHKW	84	3	63.2	19.2	0	0	0	0	0	SD
DPGD §	160	0	60.0	-3.1	0	0	0	0	1	SD
ELGJ9	146	0	66.8	-13.5	0	0	1	0	5	SD
ELOG5 *	278	0	67.2	-14.3	0	0	0	0	0	SD
ELTQ6 *	354	0	51.3	-4.1	0	0	0	0	2	SD
ELXO3 *	266	2	53.7	7.2	0	0	0	0	0	SD
ELZO4	73	0	39.5	-30.6	0	0	0	0	0	Bias
FGTO §	499	4	79.0	-28.7	0	2	2	1	3	Bias and SD
FNWX *	125	0	31.2	-40.3	0	0	0	0	3	Bias
KAKG	84	1	61.4	-10.9	0	0	0	0	1	SD
KCBH *	84	0	53.6	-22.0	0	0	0	0	1	Bias
LOAI	123	0	63.7	26.8	1	0	0	0	1	Bias and SD
MSGS4	147	1	74.6	0.4	0	0	0	0	2	SD
PECA	90	1	62.8	-12.2	0	0	0	0	1	SD
PFAQ	89	0	80.1	-10.9	0	0	0	0	1	SD
P3ET9	96	0	66.3	4.8	0	0	0	0	0	SD
P3GU7	132	0	63.4	-6.8	0	0	0	0	1	SD
P3KH8	55	5	73.7	-10.3	0	0	0	0	0	SD
SHIPBM §	103	1	67.8	13.6	0	0	0	0	0	SD
UAST §	420	0	61.5	-1.9	0	0	0	1	0	Bias and SD
UASU §	205	1	60.1	1.4	0	0	0	0	0	SD
UBLX	125	1	65.0	-13.8	0	0	0	0	1	SD
UCTA §	99	1	62.2	8.6	0	0	0	0	3	SD
UCTK *	129	0	58.8	-7.4	0	0	0	0	1	SD
UERK *	57	0	47.2	39.7	0	0	0	0	1	Bias
UGTV *	96	0	59.9	8.9	0	0	0	0	2	SD and GE
UIAG *§	41	1	77.7	-44.2	0	0	0	0	0	SD
UIAI *	67	2	59.9	19.9	0	0	0	0	0	SD
VHA2364	171	0	61.2	-19.4	0	0	0	0	0	SD
VLHJ	92	1	67.6	-11.3	0	0	0	0	1	SD
VOCJ *	1215	0	41.3	-10.5	0	0	0	0	1	Bias

Continued →

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
VRUR6 *	72	0	70.7	19.7	0	0	0	0	1	SD
VWTL	108	0	80.3	10.0	0	1	1	0	1	SD
V2AF1 *	47	0	64.4	-73.0	0	0	0	0	0	SD
V2EN	117	0	70.8	-7.2	1	0	0	0	4	SD
V2FM	119	0	66.8	14.4	0	0	0	0	0	SD
V2IA1	235	0	60.7	-6.4	0	1	0	0	1	Bias and SD
V2JZ	100	0	68.8	-33.6	0	0	0	0	0	Bias and SD
V2PK	84	0	64.2	-10.8	0	0	0	0	1	SD
V2PW3	117	0	63.6	-6.6	0	1	0	0	3	SD
V7AG9	107	0	62.5	-1.7	0	0	0	0	0	SD
V7AT5	225	0	52.8	30.1	0	1	1	1	1	Bias
V7DB5	102	0	60.6	31.8	0	0	0	0	1	Bias and SD
V7DQ8 *	128	0	58.2	11.7	0	0	0	0	0	SD
WCZ858 *	77	0	67.5	4.4	0	0	0	0	0	SD
WDA231 *	155	1	55.2	-5.0	0	0	0	0	2	SD
XXAL	134	0	60.0	4.6	0	0	0	0	0	SD
ZCBD2 §	134	0	62.1	-20.4	0	0	1	0	2	Bias and SD
ZCBF3	122	0	72.9	-16.4	0	0	0	0	3	Bias and SD
ZCGH3 *	299	0	51.3	30.9	0	0	0	0	0	Bias
23091	195	0	87.9	-69.4	0	0	5	1	5	Bias and SD
23102 *	63	2	101.0	*****	1	1	2	0	2	Bias and SD
23168	226	0	41.1	85.1	2	4	4	0	6	Bias
3ETX6 *§	441	18	71.0	1.1	2	3	3	3	3	Bias and SD
3EWT9	67	1	88.8	-32.9	0	0	0	0	0	Bias and SD
42044	4890	0	39.4	-38.5	0	3	4	4	5	Bias and SD
45140	1003	0	38.4	30.5	0	0	0	0	0	Bias
45141 *	135	0	0.0	-18.4	0	0	0	0	1	SD
46025 *	1358	0	36.4	-22.4	0	0	1	1	1	Bias
46053 *	1137	0	44.2	-46.5	0	1	1	4	3	Bias
52006	92	0	68.3	25.9	1	0	1	0	1	Bias and SD
9VHZ4	92	1	60.4	-9.4	0	0	0	0	1	SD
9VVW	73	0	60.8	11.2	0	0	0	0	0	SD

TABLE 8: LIST OF PLATFORMS REPORTING IN SHIP CODE NOT APPEARING IN TABLE 7 BUT LISTED AS SUSPECT OVER THE PERIOD JULY TO DECEMBER 2002.

Column 1 Call sign or identifier.
Column 2 Number of wind direction observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of wind observations with vector difference from background of more than 25ms $^{-1}$ (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.
Column 6 Comments on quality of wind direction observations.

Notes: 1. Units are degrees (°)

Identifier	N Obs.	NGE	SD	Bias	Comments
A8AF6	223	0	40.5	15.7	Bias reduced
CGDV	89	0	33.0	-15.1	Bias reduced
C6KD7	278	0	54.4	-8.5	SD reduced
C6T2063	146	0	55.3	-23.4	Bias
DANR	0	---	---	---	No reports
DEBH	13	0	24.3	-5.2	Less than 40 reports
DYZM	79	0	51.9	-5.6	SD reduced
ELTT3	0	---	---	---	No reports
ELVO5	26	0	6.9	21.3	Less than 40 reports
ELZE2	30	0	55.4	6.1	Less than 40 reports
GHKF	0	---	---	---	No reports
LANR5	63	0	52.8	-1.9	Bias and SD reduced
MWRA9	147	0	14.2	3.8	Bias reduced
OUGY	87	0	50.6	4.6	SD reduced
OWFU2	335	0	40.3	-1.6	Bias and SD reduced
OZSK2	105	0	38.4	0.5	SD reduced
PCBU	38	0	34.2	3.7	Less than 40 reports
PFAI	259	0	44.9	-12.3	SD reduced
PJRH	148	0	36.7	1.0	SD reduced
P3EK7	0	---	---	---	No reports
P3ND5	21	0	31.6	9.0	Less than 40 reports
SLCI	108	0	37.0	-2.2	SD reduced
UBSO	85	2	33.0	-6.8	SD reduced
UCUC	154	0	32.5	-1.3	SD reduced
UCUF	247	2	55.3	3.8	Bias

Continued →

Identifier	N Obs.	NGE	SD	Bias	Comments
UDDE	153	1	52.0	-13.6	SD reduced
UHLE	266	2	45.7	-5.2	SD reduced
VCLM	717	0	67.9	-7.3	Bias, SD reduced
VRUB2	92	0	51.3	-18.6	SD reduced
VRUR	2	0	29.0	78.7	Less than 40 reports
VRWS3	37	0	39.4	9.4	Less than 40 reports
VSUA7	14	0	47.2	5.2	Less than 40 reports
V7CG5	65	0	40.5	-17.9	SD reduced
WCN4995	0	---	---	---	No reports
WYH6499	2	0	0.0	-3.2	Less than 40 reports
ZCAN3	318	0	53.1	-1.9	Bias, SD, GE reduced
ZCBH3	104	4	52.8	-1.2	Bias and SD
ZIZP9	109	0	52.4	-5.7	SD reduced
3FDV6	29	0	52.8	5.1	Less than 40 reports
41667	0	---	---	---	No reports
45151	452	0	49.0	-4.2	Bias reduced
51028	0	---	---	---	No reports
51306	0	---	---	---	No reports
52007	590	0	38.7	-3.1	SD reduced
62131	502	0	37.7	16.7	Bias reduced at end of period
62144	4110	0	37.9	6.9	Bias reduced at end of period
62414	386	0	40.7	-24.6	Bias reduced at end of period
8PNI	0	---	---	---	No reports
9HHW6	0	---	---	---	No reports
9HWA5	65	0	56.0	-32.6	SD reduced
9VHZ3	199	0	46.0	-0.8	SD reduced
9VVS	29	0	47.2	14.1	Less than 40 reports

TABLE 9: LIST OF MARINE OBSERVING PLATFORMS REPORTING SUSPECT SEA SURFACE TEMPERATURE OBSERVATIONS OVER THE PERIOD JANUARY TO JUNE 2003.

Column 1 Call sign or identifier.
Column 2 Number of sea-surface temperature observations available for monitoring over the six-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of sea surface temperature observations differing by more than 10 °C from background (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences excluding cases of gross error.
Columns 6-10 Number of times observing platform has appeared on suspect lists. B=Bracknell, E=ECMWF, F=MétéoFrance, T=Tokyo, W=Washington.
Column 11 Comments on quality of sea surface temperature observations.

Notes:
1. Units are °C
2. Observing platforms marked with an asterisk were listed in the previous report (July to December 2002)

Table 9a: Platforms reporting in BUOY code

*i): Platforms **non-operational** at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
14917	356	11	2.4	1.2	1	-	1	-	1	Bias, GE in April
17518	2691	0	1.1	-0.1	0	-	0	-	0	Bias at end of period
17563	3875	2896	3.5	2.4	5	-	1	-	5	GE since February
21528	620	323	0.4	0.5	2	-	2	-	2	GE since February
21534	135	135	---	---	1	-	0	-	1	GE
21902	247	0	2.1	-3.1	1	-	0	-	0	Bias
23906	253	63	0.3	0.0	1	-	1	-	1	GE
23968	165	80	3.8	-3.3	2	-	1	-	2	Bias and GE
31975	53	0	1.9	4.3	1	-	0	-	0	Bias
32526	1021	1021	---	---	6	-	6	-	6	GE
32540	285	86	1.7	-0.3	1	-	1	-	1	GE reduced
32907	89	89	---	---	1	-	1	-	1	GE
32922	135	7	1.4	7.3	1	-	1	-	1	Bias
32973	1535	3	1.3	-0.4	0	-	1	-	0	Bias at end of period
33543	3854	0	1.5	-0.7	0	-	0	-	0	Bias at end of period

Continued →

Identifier	N Obs.	NGE	SD	Bias	B E F T W	Comments
33599	2148	0	1.2	-0.9	0 - 0 - 0	Bias at end of period
33629	1165	2	1.1	1.6	0 - 0 - 0	Bias
41577	500	260	4.0	-4.3	1 - 1 - 1	Bias and GE
44607	223	0	0.6	1.0	0 - 0 - 0	Bias
44609	946	12	2.0	0.5	0 - 1 - 0	Bias at end of period
44624	162	7	3.7	-2.3	0 - 0 - 0	Bias
44837	50	19	3.9	5.1	1 - 1 - 1	Bias and GE
44838	50	50	---	---	1 - 0 - 1	GE
44839	48	48	---	---	1 - 1 - 1	GE
46780	3469	51	1.6	2.2	2 - 0 - 0	Bias
46972	1268	0	0.6	4.2	6 - 2 - 3	Bias
51642	334	310	3.0	-1.1	2 - 2 - 2	Bias and GE
51678	80	45	3.3	-0.5	1 - 1 - 1	GE
51756	1215	0	0.9	-0.1	0 - 0 - 0	Bias at end of period
51757	149	57	2.9	0.0	1 - 1 - 1	Bias and GE
51832	1209	39	3.0	-1.6	2 - 2 - 2	Bias, GE at end of period
51835	1038	48	0.5	0.1	1 - 1 - 1	GE at end of period
51909	122	120	0.6	-8.3	1 - 1 - 1	Bias and GE
52521	282	6	2.9	1.2	0 - 0 - 0	Bias at end of reports
52533	362	359	0.0	9.7	1 - 1 - 1	Bias and GE
55901	60	32	3.3	-0.8	1 - 1 - 1	SD and GE
55905	1641	2	1.0	3.0	3 - 0 - 0	Bias
61532	348	0	3.6	-3.2	2 - 1 - 0	Bias
61657	52	0	1.2	3.9	1 - 1 - 1	Bias
61663	2001	14	1.4	0.3	0 - 0 - 0	SD at end of reports
62507	828	179	0.4	0.0	1 - 0 - 1	GE at end of reports
64522	1348	129	3.1	4.1	2 - 1 - 0	Bias and GE at end of reports
64553	52	0	0.1	4.9	1 - 1 - 1	Bias

ii): Platforms ***operational*** *at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B E F T W	Comments
13938	1473	22	1.5	-0.3	0 - 0 - 0	Bias, GE at end of period
16947	3797	0	0.9	0.3	0 - 0 - 0	Bias at end of period
31926	1158	12	1.3	0.1	1 - 1 - 1	Bias, GE at end of period
33502	631	0	0.9	4.2	6 - 2 - 4	Bias
41574	68	11	3.5	-3.6	1 - 1 - 0	Bias
44836	64	0	4.3	1.4	0 - 1 - 0	Bias
51727	1586	101	2.0	-0.8	0 - 1 - 0	Bias and GE
51761	1294	0	1.9	2.7	3 - 0 - 0	Bias
61678	1579	2	2.5	-0.7	0 - 1 - 0	Bias at end of period
62711	5196	2	1.6	1.4	1 - 0 - 0	Bias

Table9b: Platforms reporting in SHIP code

Identifier		N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
CGDS		414	0	2.3	1.5	3	-	4	-	1	Bias
CGSQ		49	0	2.6	3.1	0	-	0	-	0	Bias
CG2350		443	0	2.3	2.8	2	-	4	-	0	Bias
CG2522	*	540	424	1.9	6.0	2	-	2	-	2	Bias and GE
C6CU6		67	12	2.2	0.0	0	-	0	-	0	GE
C6FU6		47	1	2.5	-2.9	0	-	0	-	0	Bias
C6QO9	*	61	0	1.2	4.1	1	-	1	-	1	Bias
C6Q09		79	0	1.6	3.5	1	-	0	-	0	Bias
C6YW		190	30	2.1	-3.2	4	-	3	-	3	Bias
DACF		2444	3	1.2	0.5	1	-	0	-	1	Bias
DBFO		2308	0	1.1	0.3	0	-	0	-	0	Bias at end of period
DGCP	*	167	0	1.2	2.0	1	-	0	-	0	Bias at end of period
ELKU8	*	67	7	2.5	4.5	2	-	1	-	1	Bias
ELOG5		273	1	2.6	4.2	4	-	4	-	4	Bias
ELSM9		79	0	1.6	-3.1	0	-	0	-	0	Bias
ELWY3	*	259	0	1.3	3.1	4	-	0	-	0	Bias
ELXO4	*	59	0	1.0	-3.5	2	-	0	-	0	Bias
ELXU2		42	0	3.8	-3.5	0	-	0	-	0	Bias
FGTO		122	122	---	---	2	-	2	-	2	GE
FNJI	*	663	1	0.7	3.2	6	-	0	-	0	Bias
FNWZ		278	18	2.7	1.0	0	-	1	-	0	Bias
FNYF	*	193	0	2.0	0.8	0	-	0	-	0	Bias at end of period
GYYP		87	20	1.3	0.6	0	-	0	-	1	GE
JKHH	*	312	1	2.6	4.2	3	-	3	-	2	Bias
KRPB	*	374	0	1.7	-3.0	4	-	0	-	0	Bias
KS011	*	331	0	2.6	6.0	2	-	2	-	0	Bias
KS014	*	95	19	3.2	2.4	1	-	1	-	2	SD and GE
LAJY4	*	142	24	2.6	4.1	2	-	2	-	2	Bias and GE
NDFH		100	18	1.0	0.8	0	-	0	-	1	GE
OUEV		391	1	2.9	1.4	1	-	1	-	0	Bias
OZIA		80	0	2.1	6.6	1	-	0	-	1	Bias
PCIG		92	0	0.7	-3.1	2	-	0	-	0	Bias
PHPO		190	0	0.9	-2.5	0	-	0	-	0	Bias
P3KT8		80	0	2.1	3.8	2	-	2	-	1	Bias
P3ZY6	*	61	4	1.5	-7.5	1	-	1	-	1	Bias
SGAK		63	0	1.6	4.0	2	-	1	-	1	Bias
SIWB		169	0	1.3	4.1	3	-	2	-	1	Bias
SLCH		107	0	1.4	3.1	2	-	0	-	0	Bias
S6TS		102	2	2.9	1.2	0	-	0	-	0	Bias
TSMS	*	518	1	1.8	-2.1	1	-	1	-	1	Bias at end of period

Continued →

Identifier	N Obs.	NGE	SD	Bias	B E F T W	Comments
UAST	83	0	1.7	-3.4	1 - 0 - 1	Bias
UBDO	49	0	2.5	-3.3	0 - 0 - 0	Bias
UBLX	138	1	3.2	-1.2	1 - 2 - 1	Bias at end of period
UCBM	305	0	2.1	-1.8	1 - 2 - 0	Bias at end of period
UCMQ	73	0	1.7	-2.4	1 - 1 - 0	Bias at end of period
UCUP *	152	0	1.7	-1.9	0 - 1 - 1	Bias at end of period
UHJU *	70	0	2.8	-2.1	0 - 0 - 0	Bias
UIAC	195	0	3.5	3.9	2 - 2 - 2	Bias
UIAI	76	0	0.7	-4.8	1 - 0 - 1	Bias
UINM	154	2	1.4	2.9	1 - 0 - 0	Bias
VJRB *	96	0	1.1	-3.7	2 - 0 - 1	Bias
VOCJ *	1186	79	1.8	5.5	6 - 5 - 6	Bias
VRVQ9	59	30	3.0	-7.0	0 - 0 - 0	Bias
VRXR5 *	64	7	0.8	5.7	0 - 1 - 1	Bias
V2AT1	57	22	1.2	-8.4	1 - 1 - 1	Bias
V2IA1	157	5	2.6	-1.1	1 - 1 - 0	Bias at end of period
V2MA3	294	1	2.7	-1.6	1 - 1 - 0	Bias
V2PK	86	1	2.0	3.2	2 - 1 - 0	Bias
V7DN3	258	1	1.8	-2.9	2 - 0 - 0	Bias
V7DP7	182	1	1.3	-4.3	5 - 1 - 6	Bias
V7DU4	74	3	2.4	3.1	1 - 0 - 0	Bias
WCZ5528	195	3	3.7	-0.7	1 - 4 - 0	Bias at end of period
WPVD *	630	0	1.6	2.3	1 - 0 - 1	Bias at end of period
YJQL3 *	261	0	1.2	-4.3	6 - 3 - 5	Bias
3EBX6	88	1	1.8	3.3	1 - 0 - 0	Bias
42044	233	0	1.6	-2.7	1 - 1 - 1	Bias
44004 *	3636	0	3.2	0.0	1 - 1 - 0	Bias and SD
44007	3992	0	1.1	0.1	0 - 3 - 2	Bias reduced
44008	4015	0	1.1	-1.3	0 - 0 - 0	Bias at end of period
44011	3951	12	2.0	-1.2	0 - 1 - 1	Bias
44013	3986	0	1.1	0.4	0 - 5 - 2	Bias at end of period
44030	3280	0	1.0	0.8	0 - 0 - 2	Bias at the end of period
44031	3139	0	1.1	0.2	0 - 5 - 2	Bias at end of period
44032	3252	0	0.9	0.5	0 - 1 - 2	Bias at end of period
44137 *	1502	5	4.5	1.7	1 - 1 - 1	Bias
44141	1515	0	2.6	1.2	1 - 0 - 0	Bias
44150	883	4	1.5	3.8	2 - 1 - 0	Bias
45002	488	0	1.7	0.1	0 - 0 - 0	Bias
45003	584	0	1.7	-0.8	0 - 0 - 1	Bias at end of period
45012	144	0	2.8	-0.1	0 - 1 - 1	Bias at end of period

Continued →

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
45142	1415	0	1.4	3.2	3	-	2	-	2	Bias
45144	458	402	0.4	9.0	1	-	1	-	1	Bias and GE
45151 *	506	21	1.2	7.3	1	-	1	-	0	Bias
45154 *	355	30	2.3	3.8	1	-	1	-	1	Bias and GE
45159 *	580	2	1.9	2.1	0	-	0	-	1	Bias
45160 *	553	0	3.4	-0.4	0	-	0	-	1	Bias at end of period
46015	1336	0	1.1	-0.4	0	-	1	-	0	Bias at end of period
46027	1231	0	1.4	-0.7	0	-	1	-	1	Bias at end of period
46050	1344	0	0.9	0.0	0	-	0	-	0	Bias at end of period
9VVN *	85	18	2.5	-5.8	2	-	2	-	2	Bias

TABLE 10: LIST OF PLATFORMS REPORTING IN SHIP CODE NOT APPEARING IN TABLE 9 BUT LISTED AS SUSPECT OVER THE PERIOD JULY TO DECEMBER 2002.

Column 1 Call sign or identifier
Column 2 Number of sea-surface temperature observations available for monitoring over the 6-month period, including any observations with gross errors.
Column 3 Number of sea surface temperature observations differing by more than 10 °C from the background (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences excluding cases of gross error.
Column 6 Comments on quality of sea surface temperature observations.

Notes: 1. Units are °C

Identifier	N Obs.	NGE	SD	Bias	Comments
A7EC	1	0	0.0	3.4	Less than 40 reports
CGTF	20	12	6.1	1.1	Less than 40 reports
CG2992	18	18	---	---	Less than 40 reports
C6FN4	122	2	0.4	0.8	GE reduced
C6FN5	184	0	0.8	0.1	GE reduced
C6MS4	191	1	2.3	-1.9	Bias reduced
DBAI	276	2	2.3	1.7	Bias reduced
DHMN	2	0	0.2	2.8	Less than 40 reports
ELTS6	434	29	2.5	3.5	Bias reduced
ELUC5	319	0	1.6	1.4	Bias reduced
ELVL9	55	0	2.8	0.4	Bias reduced
ELVO5	26	0	0.6	0.3	Less than 40 reports
ELYE8	144	0	0.7	3.0	Bias reduced
H3QA	204	1	2.1	-1.6	Bias reduced
H9GW	0	---	---	---	No reports
H9IM	0	---	---	---	No reports
H9RS	221	6	3.9	1.4	Bias reduced
J8JW7	93	0	0.9	0.7	Bias reduced
KGJX	161	1	1.6	1.8	GE reduced
KHRC	119	0	1.1	-2.7	Bias reduced
KS003	0	---	---	---	No reports
KS005	430	0	1.5	-0.3	Bias reduced
LACF5	263	1	1.7	2.8	Bias reduced
LARS5	129	0	1.2	0.1	Bias reduced
LAVW4	171	6	2.7	-1.6	Bias reduced

Continued →

Identifier	N Obs.	NGE	SD	Bias	Comments
MQKG7	79	0	0.4	-0.4	Bias reduced
MVXQ8	11	0	0.5	-3.0	Less than 40 reports
OYVQ2	72	1	0.6	1.0	Bias reduced
OZWP2	239	1	0.7	2.5	Bias reduced
PDYX	180	0	2.9	-1.2	Bias reduced
P3FN9	119	0	1.7	1.4	Bias reduced
SHIPAO	167	2	1.9	-1.1	Bias reduced
SHIPBL	1	0	0.0	-1.3	Less than 40 reports
SWYM	55	0	1.4	0.8	Bias reduced
TSLN	45	0	0.9	-1.7	Bias reduced
UBDP	55	0	1.5	-1.4	Bias reduced
UCBP	60	0	1.7	-1.2	Bias reduced
UCDM	113	0	2.5	-0.7	Bias reduced
UCJI	44	0	2.8	-2.2	Bias reduced
UCJL	160	1	2.1	0.3	Bias reduced
UCJO	141	0	2.3	0.3	Bias reduced
UCOL	156	0	2.3	-2.1	Bias reduced
UCSS	4	0	0.8	-3.3	Less than 40 reports
UCTI	19	0	0.3	0.5	Less than 40 reports
UHCO	70	0	2.0	-0.5	GE reduced
UHRT	32	0	2.1	-2.2	Less than 40 reports
VCLM	193	0	1.8	1.3	GE reduced
VGDT	13	0	4.9	3.9	Less than 40 reports
VRRB	99	2	1.1	-0.4	Bias reduced
V2AQ3	116	0	2.4	-0.8	Bias reduced
WCZ9380	1	0	0.0	4.1	Less than 40 reports
WDHL	0	---	---	---	No reports
XYYY	0	---	---	---	No reports
ZCBO5	0	---	---	---	No reports
ZCBQ2	33	0	2.4	4.1	Less than 40 reports
ZIQE8	135	1	0.7	-0.7	GE reduced
ZMFR	1020	526	3.4	-1.8	Bias and GE reduced
ZQVN8	4	0	1.2	1.8	Less than 40 reports
13501	0	---	---	---	No reports
13504	0	---	---	---	No reports
13508	0	---	---	---	No reports
14550	0	---	---	---	No reports
16940	0	---	---	---	No reports
16942	0	---	---	---	No reports
21530	0	---	---	---	No reports

Continued →

Identifier	N Obs.	NGE	SD	Bias	Comments
21531	0	---	---	---	No reports
22903	0	---	---	---	No reports
23510	0	---	---	---	No reports
23591	0	---	---	---	No reports
23638	0	---	---	---	No reports
23650	0	---	---	---	No reports
23949	0	---	---	---	No reports
3FAP5	42	1	1.1	-0.5	Bias reduced
3FHX8	126	0	1.8	-0.6	Bias reduced
3FMM6	311	7	2.0	-2.1	Bias reduced
3FRR5	334	1	1.2	1.7	Bias reduced
3FYB3	7	0	2.0	2.2	Less than 40 reports
41008	3978	0	2.4	-2.3	Bias reduced
41525	0	---	---	---	No reports
41563	0	---	---	---	No reports
42007	4013	0	2.0	-0.7	Bias reduced
42021	2961	1	2.4	-1.6	Bias reduced
44772	0	---	---	---	No reports
45141	142	0	0.2	0.3	Bias and GE reduced
45150	0	---	---	---	No reports
51536	0	---	---	---	No reports
51650	0	---	---	---	No reports
51733	0	---	---	---	No reports
51866	0	---	---	---	No reports
51907	0	---	---	---	No reports
52082	1686	0	0.2	0.0	GE reduced
52606	0	---	---	---	No reports
52620	0	---	---	---	No reports
6ELQY7	5	0	0.9	2.7	Less than 40 reports
61535	0	---	---	---	No reports
61536	0	---	---	---	No reports
61659	0	---	---	---	No reports
64549	0	---	---	---	No reports
66511	0	---	---	---	No reports
74520	0	---	---	---	No reports
8PNI	0	---	---	---	No reports
9VRA	314	0	0.5	-0.1	Bias reduced

Figure 1: Number of observations of pressure received at Bracknell on the GTS for each of the six-month periods covered by the WMO reports on the quality of marine surface observations

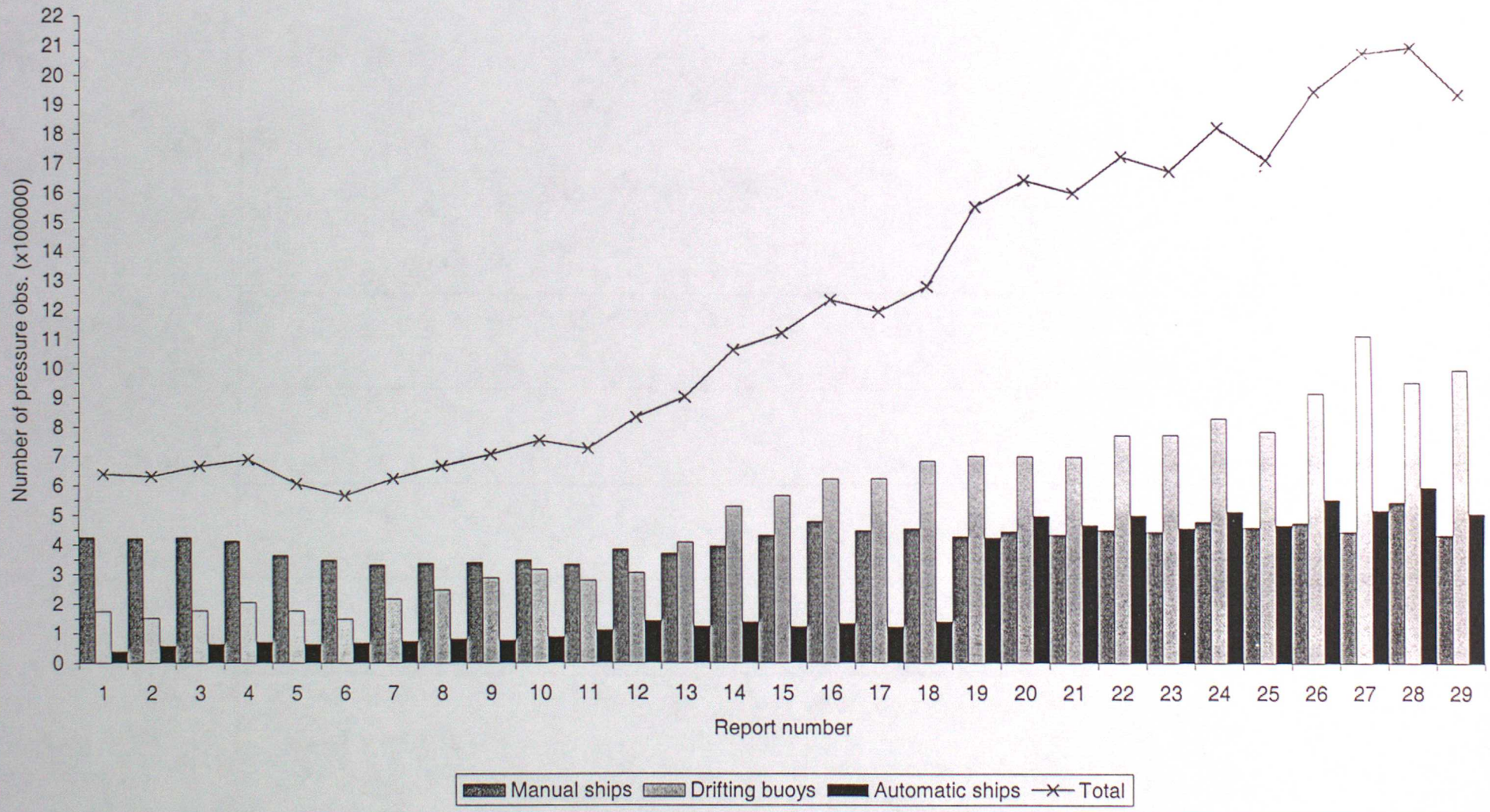
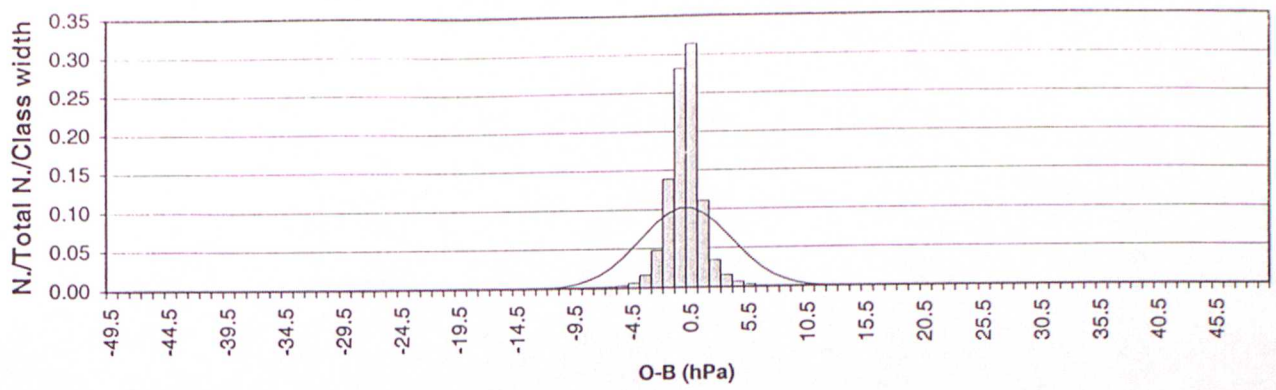
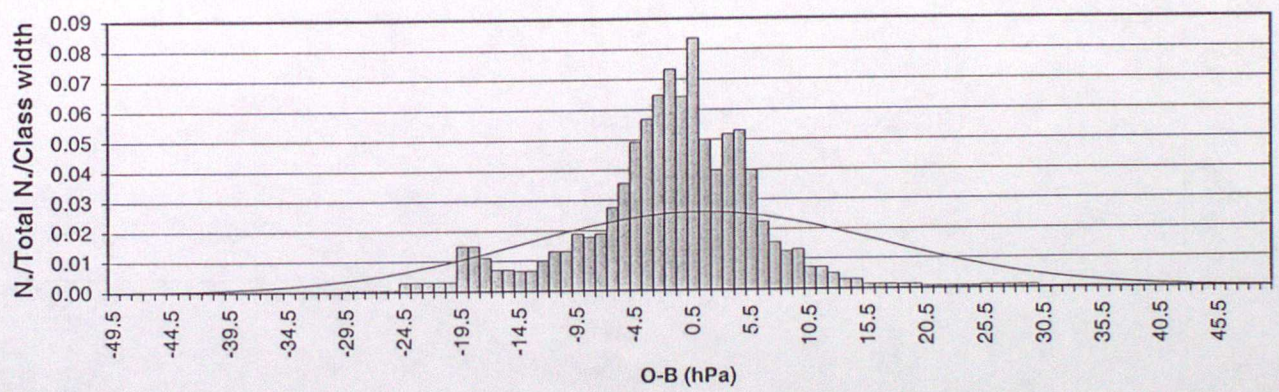


Figure 2a: Distribution of ship O-B pressure (hPa)
Period of data: Jan-June 2003 Data used: All observations



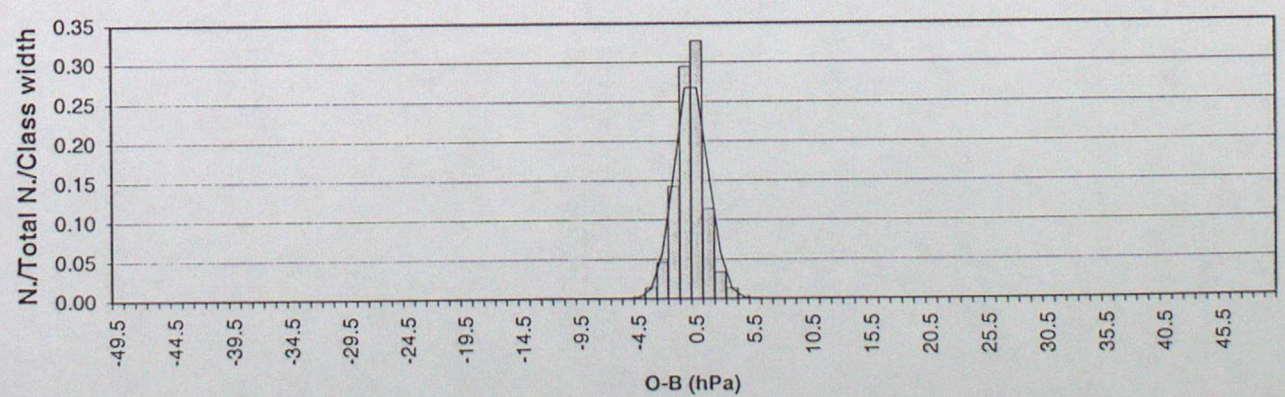
Mean O-B = 0.0 SD O-B = 3.9

Figure 2b: Distribution of ship O-B pressure (hPa)
Period of data: Jan-June 2003 Data used: Flagged observations



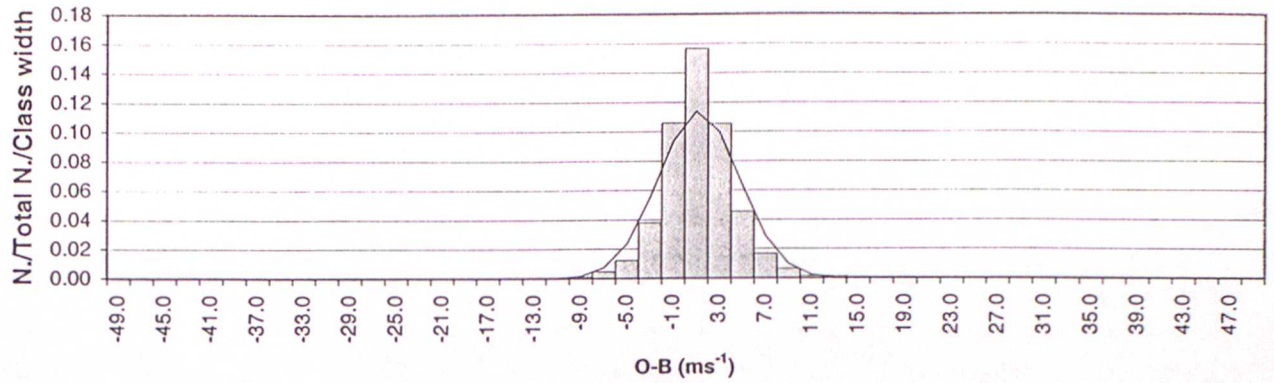
Mean O-B = 1.2 SD O-B = 15.4

Figure 2c: Distribution of ship O-B pressure (hPa)
Period of data: Jan-June 2003 Data used: Unflagged observations



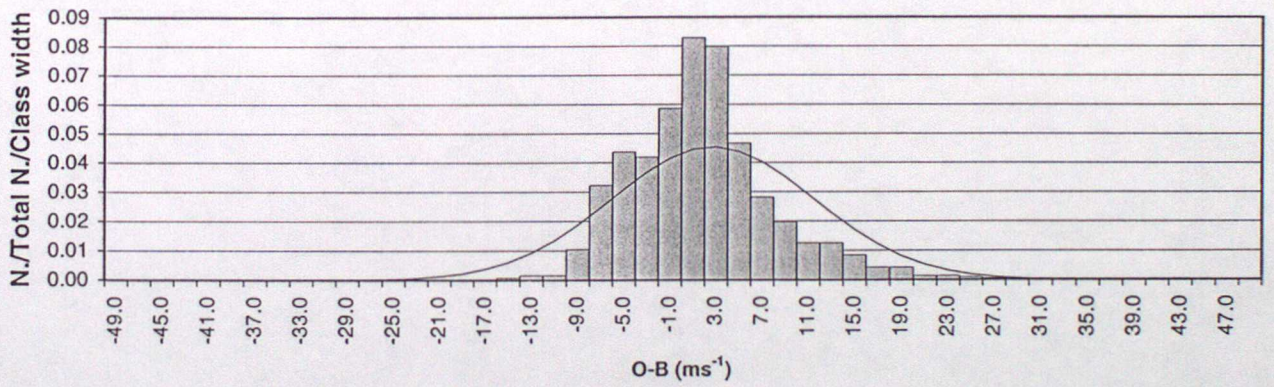
Mean O-B = 0.0 SD O-B = 1.4

Figure 2d: Distribution of ship O-B wind speed (ms^{-1})
Period of data: Jan-June 2003 Data used: All observations



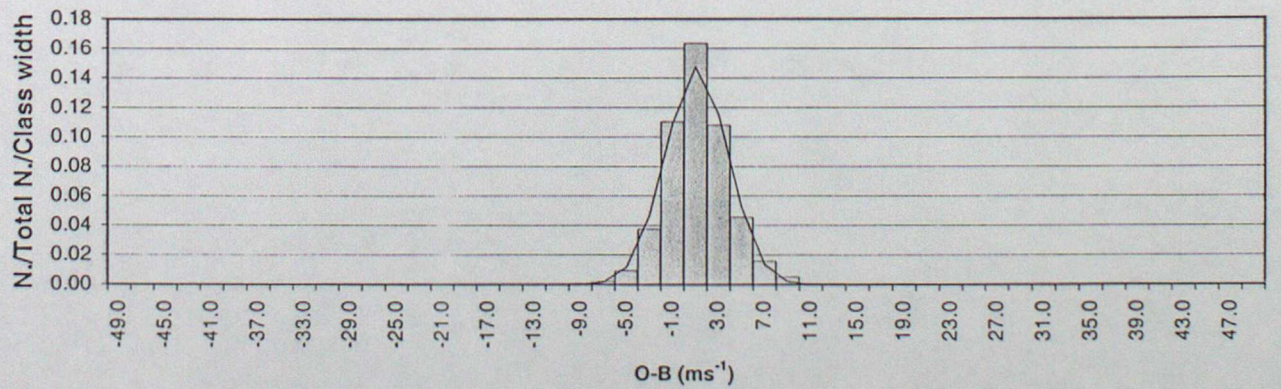
Mean O-B = 1.2 SD O-B = 3.5

Figure 2e: Distribution of ship O-B wind speed (ms^{-1})
Period of data: Jan-June 2003 Data used: Flagged observations



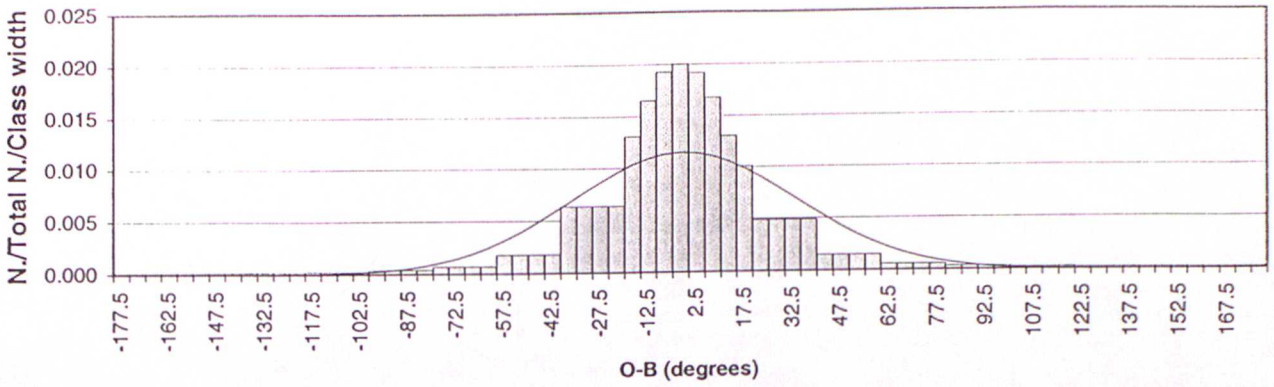
Mean O-B = 2.7 SD O-B = 8.8

Figure 2f: Distribution of ship O-B wind speed (ms^{-1})
Period of data: Jan-June 2003 Data used: Unflagged observations



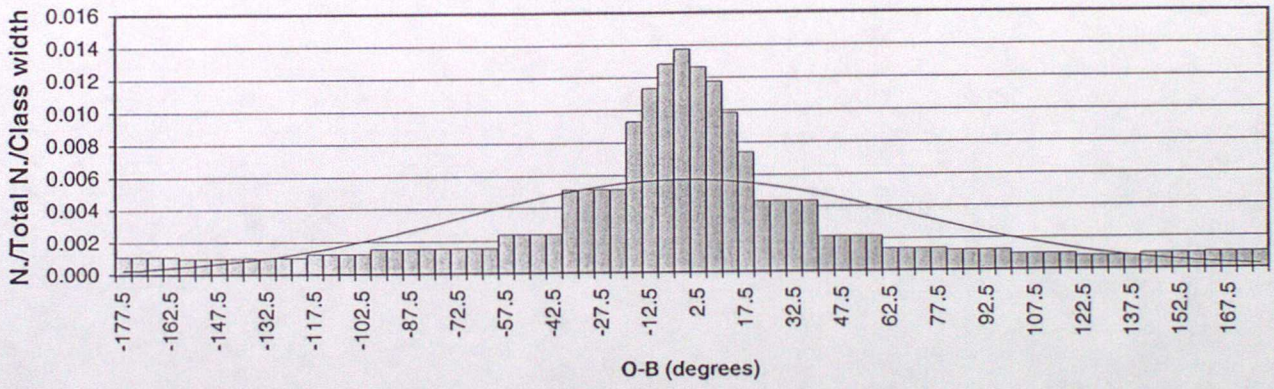
Mean O-B = 1.1 SD O-B = 2.7

Figure 2g: Distribution of ship O-B wind direction (degrees)
Period of data: Jan-June 2003 Data used: All observations



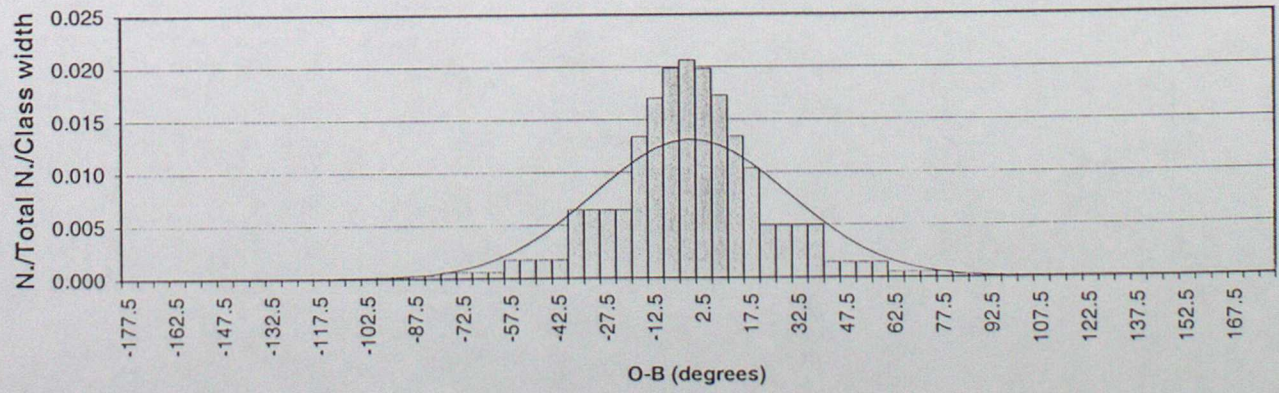
Mean O-B = -1.5 SD O-B = 34.8

Figure 2h: Distribution of ship O-B wind direction (degrees)
Period of data: Jan-June 2003 Data used: Flagged observations



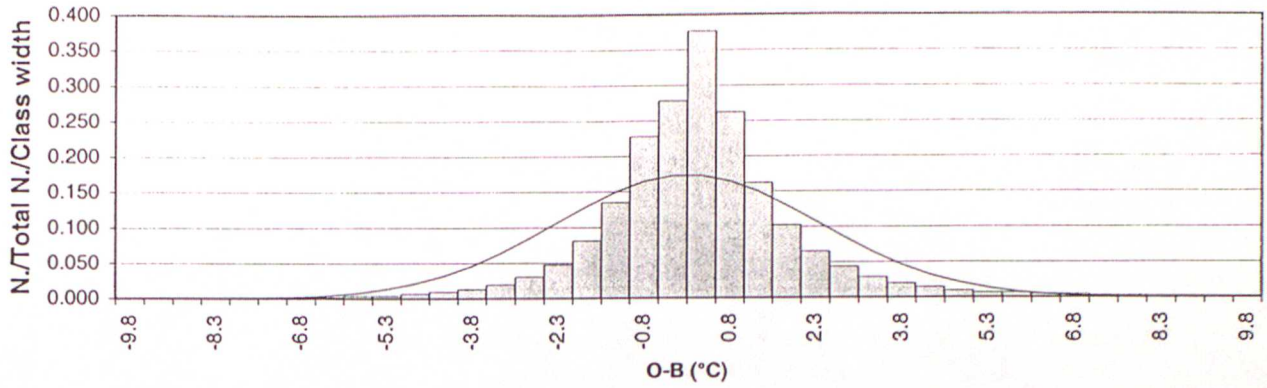
Mean O-B = -1.4 SD O-B = 69.9

Figure 2i: Distribution of ship O-B wind direction (degrees)
Period of data: Jan-June 2003 Data used: Unflagged observations



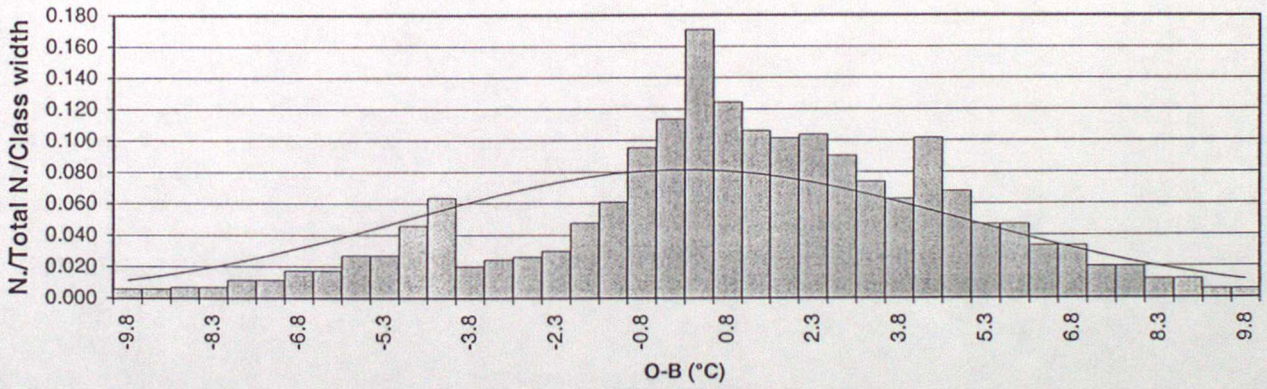
Mean O-B = -1.5 SD O-B = 30.5

Figure 2j: Distribution of ship O-B SST (°C)
Period of data: Jan-June 2003 Data used: All observations



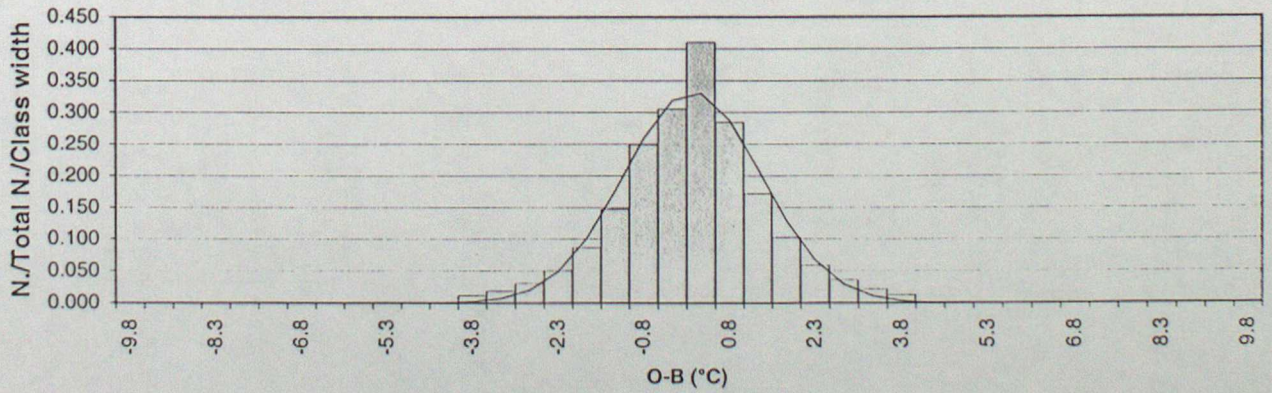
Mean O-B = 0.0 SD O-B = 2.3

Figure 2k: Distribution of ship O-B SST (°C)
Period of data: Jan-June 2003 Data used: Flagged observations



Mean O-B = 0.0 SD O-B = 4.9

Figure 2l: Distribution of ship O-B SST (°C)
Period of data: Jan-June 2003 Data used: Unflagged observations



Mean O-B = 0.1 SD O-B = 1.2

Figure 3: Bias of Ship O-B Pressure (hPa). Date:- January - June 2003
Only observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a bias of magnitude greater than 0.5 hPa

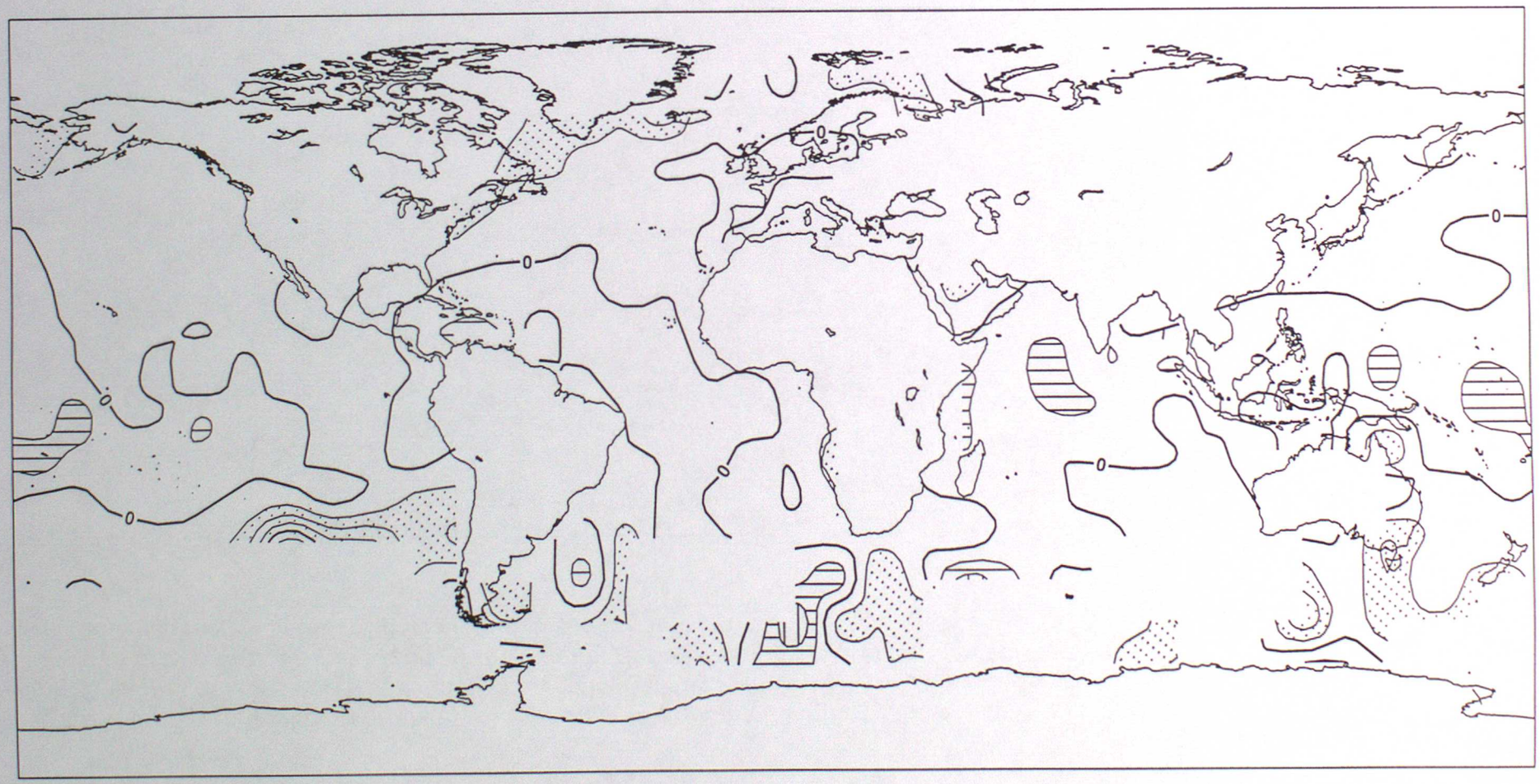


Figure 4: Standard Deviation of Ship O-B Pressure (hPa). Date:- January - June 2003
Only Observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a standard deviation of greater than 2.0 hPa

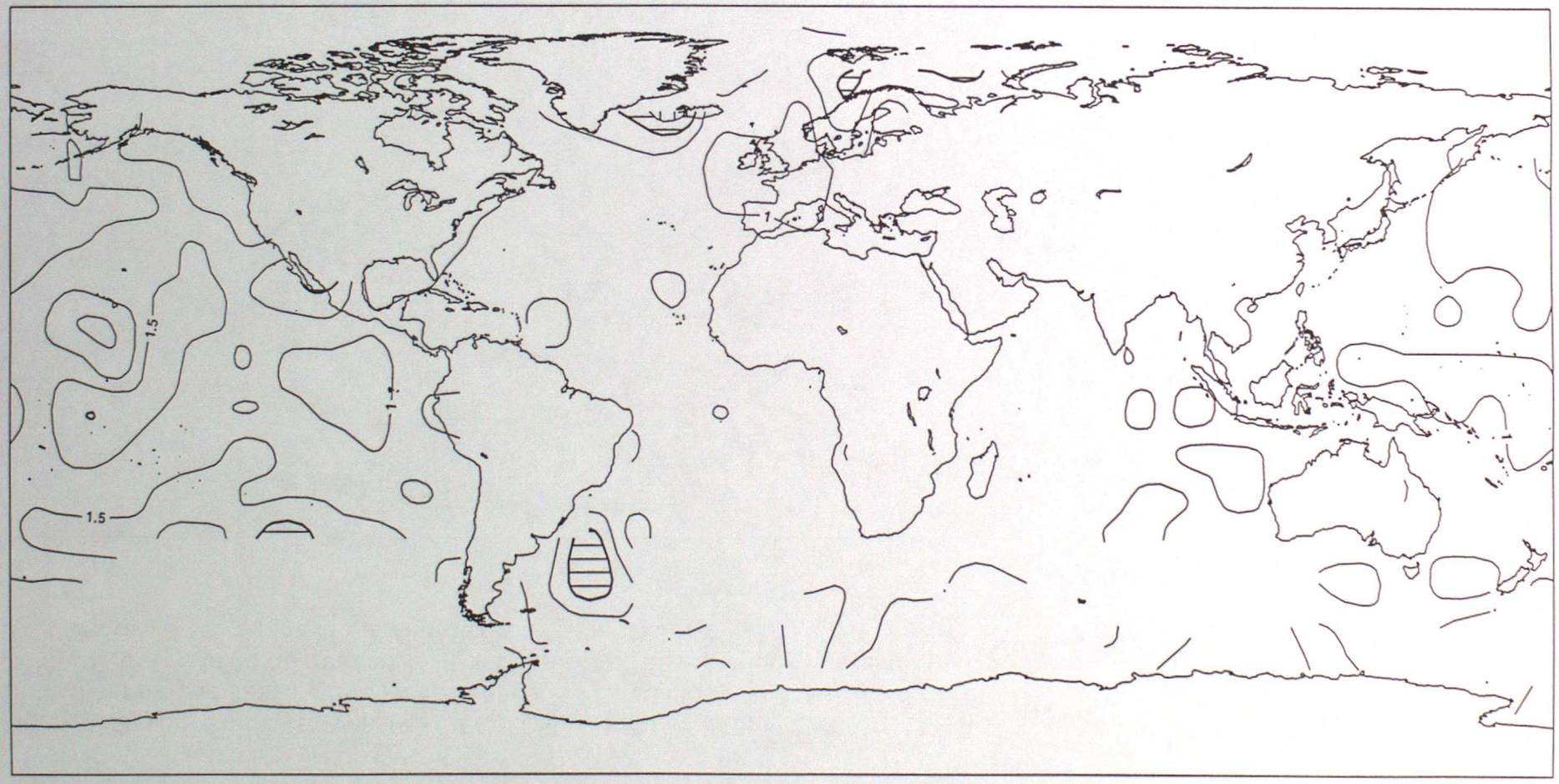


Figure 5:
Plot of the Number of Ship Pressure Observations. Date:- January - June 2003
Only observations passing quality control included

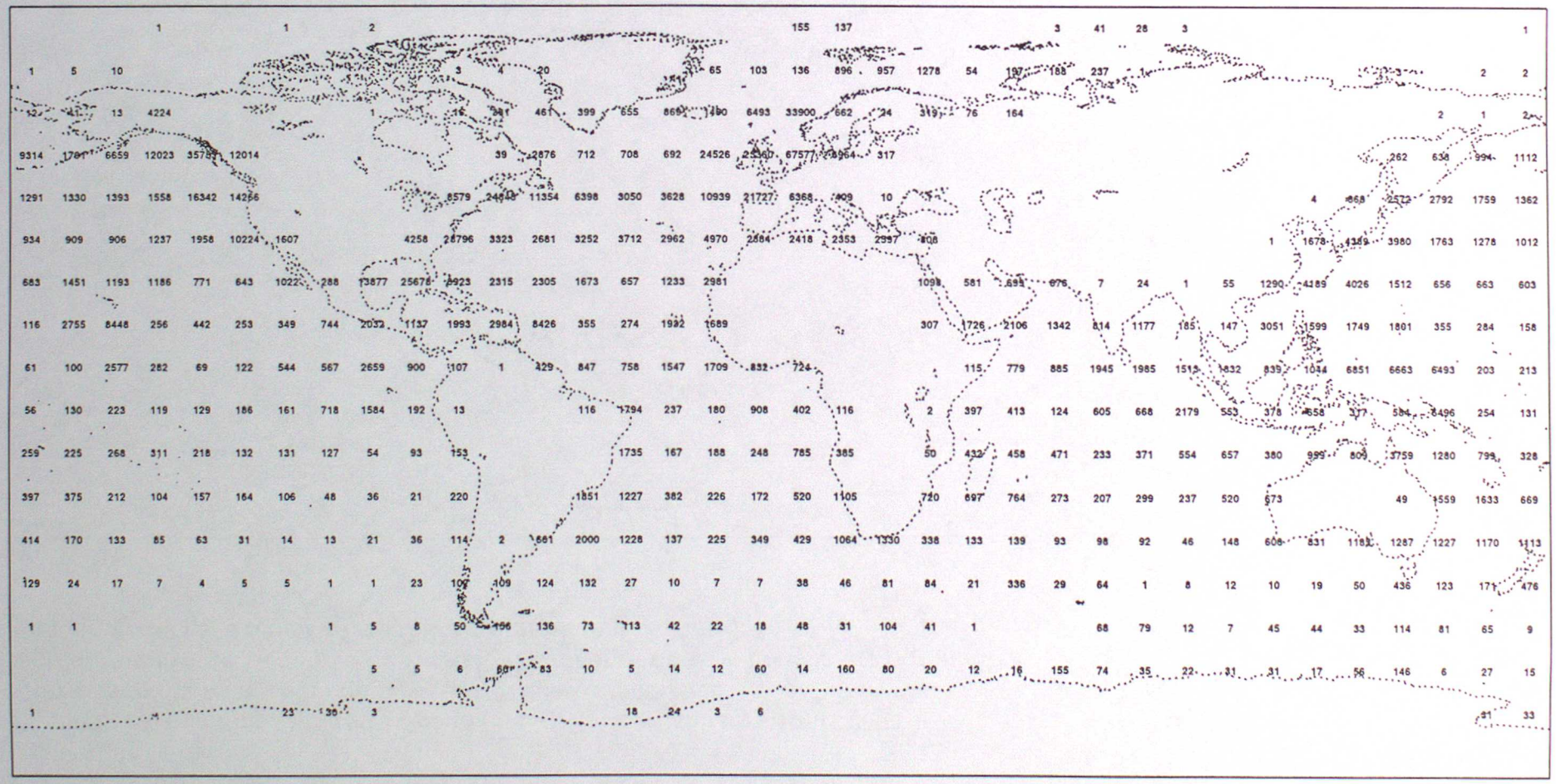


Figure 6: Bias of Ship O-B Wind Speed (ms-1). Date:- January - June 2003
Only observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a bias of magnitude greater than 2.0 ms-1

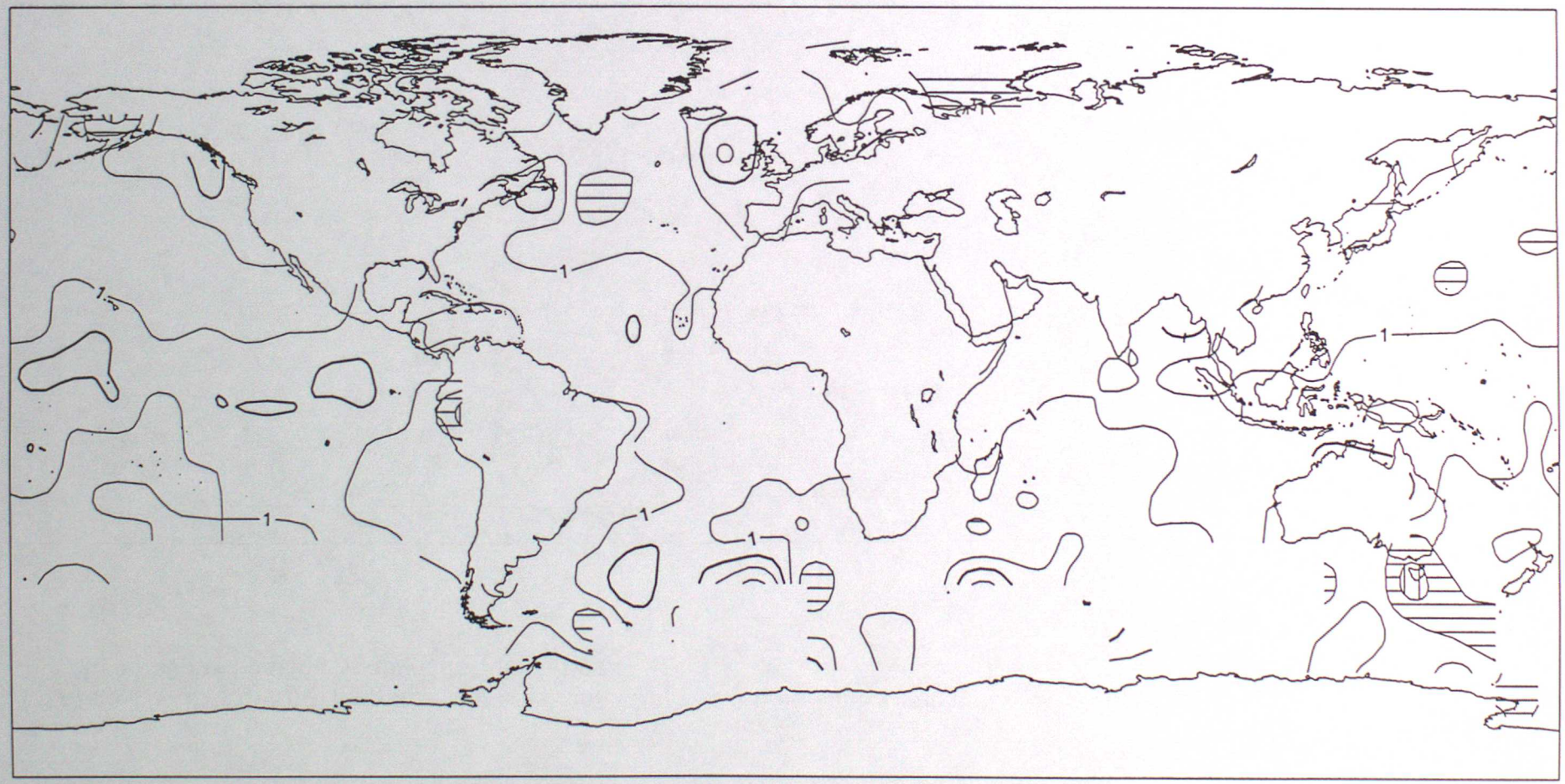


Figure 7: Standard Deviation of Ship O-B Wind Speed (ms-1). Date:- January - June 2003
Only Observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a standard deviation of greater than 4.0 ms-1

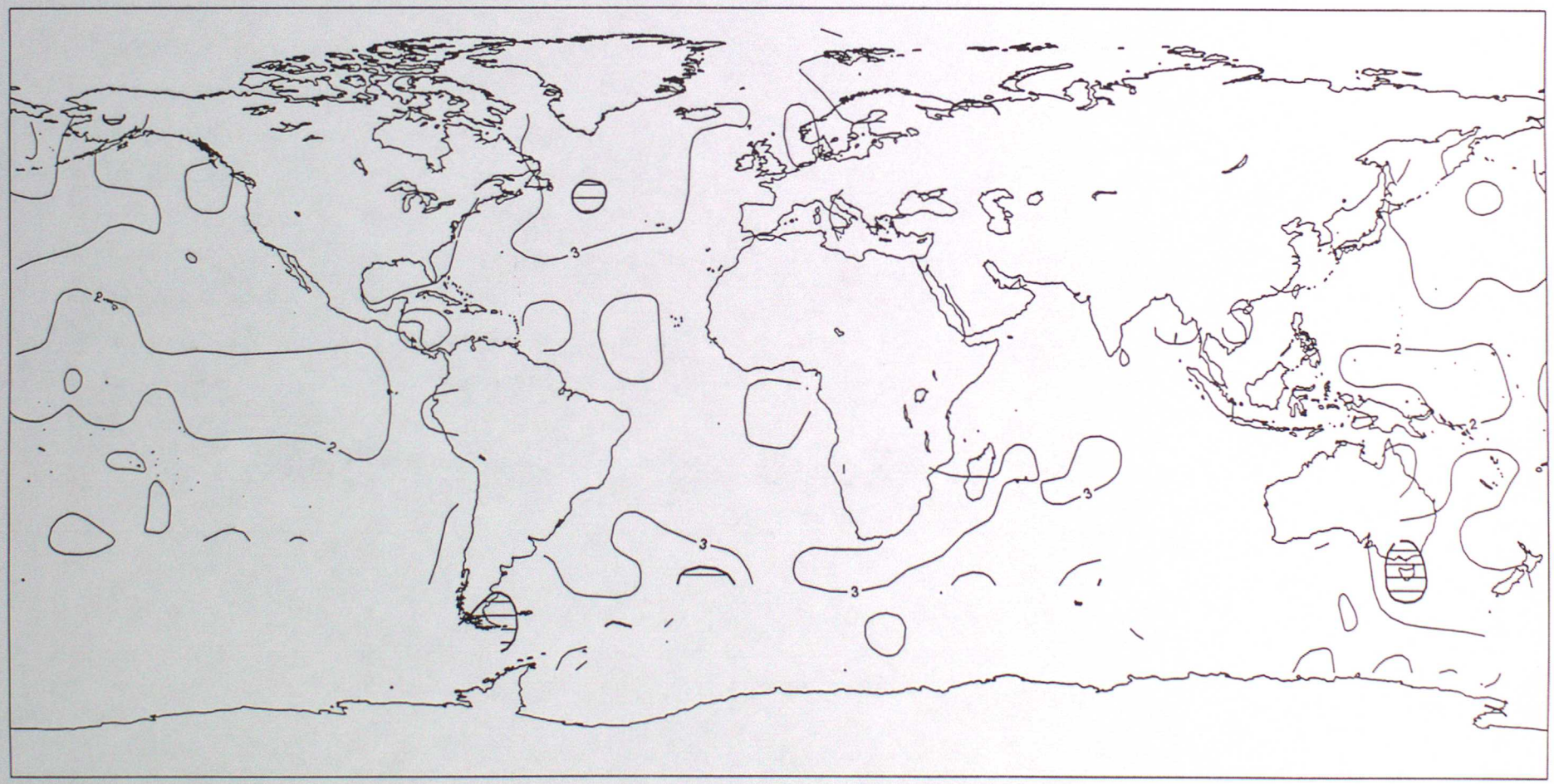


Figure 8:
Plot of the Number of Ship Wind Speed Observations. Date:- January - June 2003
Only observations passing quality control included

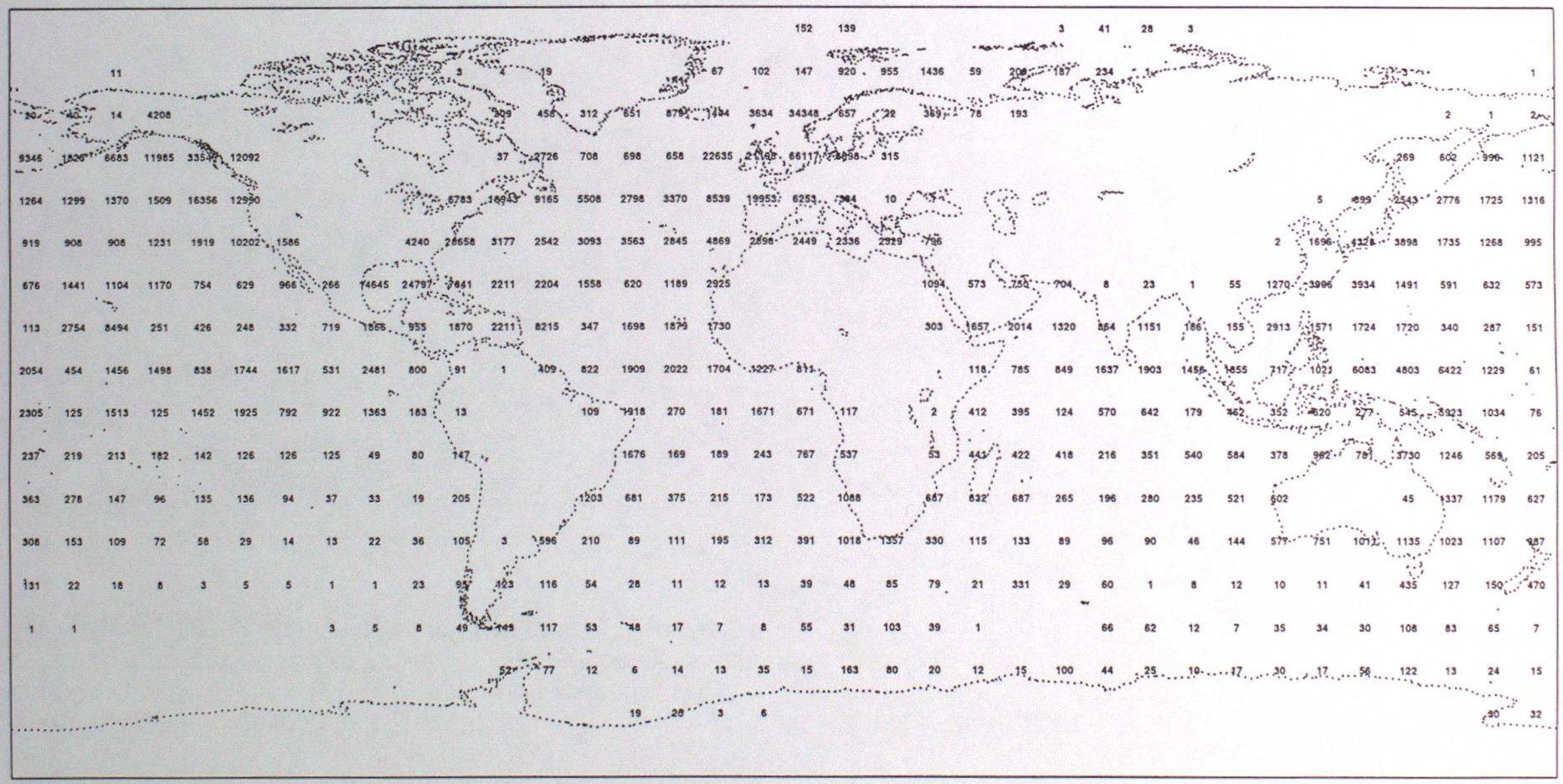


Figure 9: Bias of Ship O-B Wind Direction (degrees). Date:- January - June 2003
Only observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a bias of magnitude greater than 10 degrees

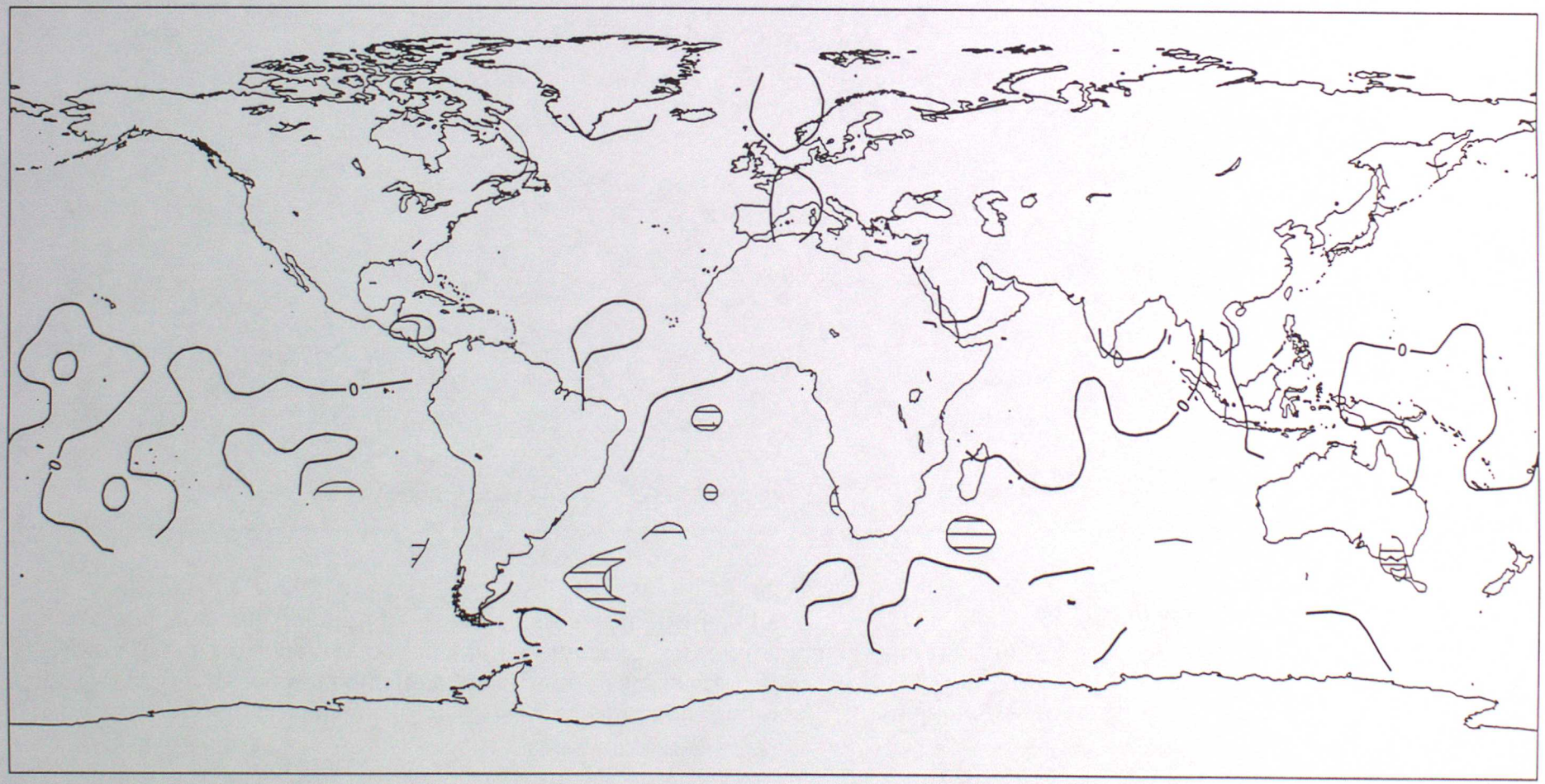


Figure 10: Standard Deviation of Ship O-B Wind Direction (degrees). Date:- January - June 2003
Only Observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a standard deviation of greater than 40 degrees

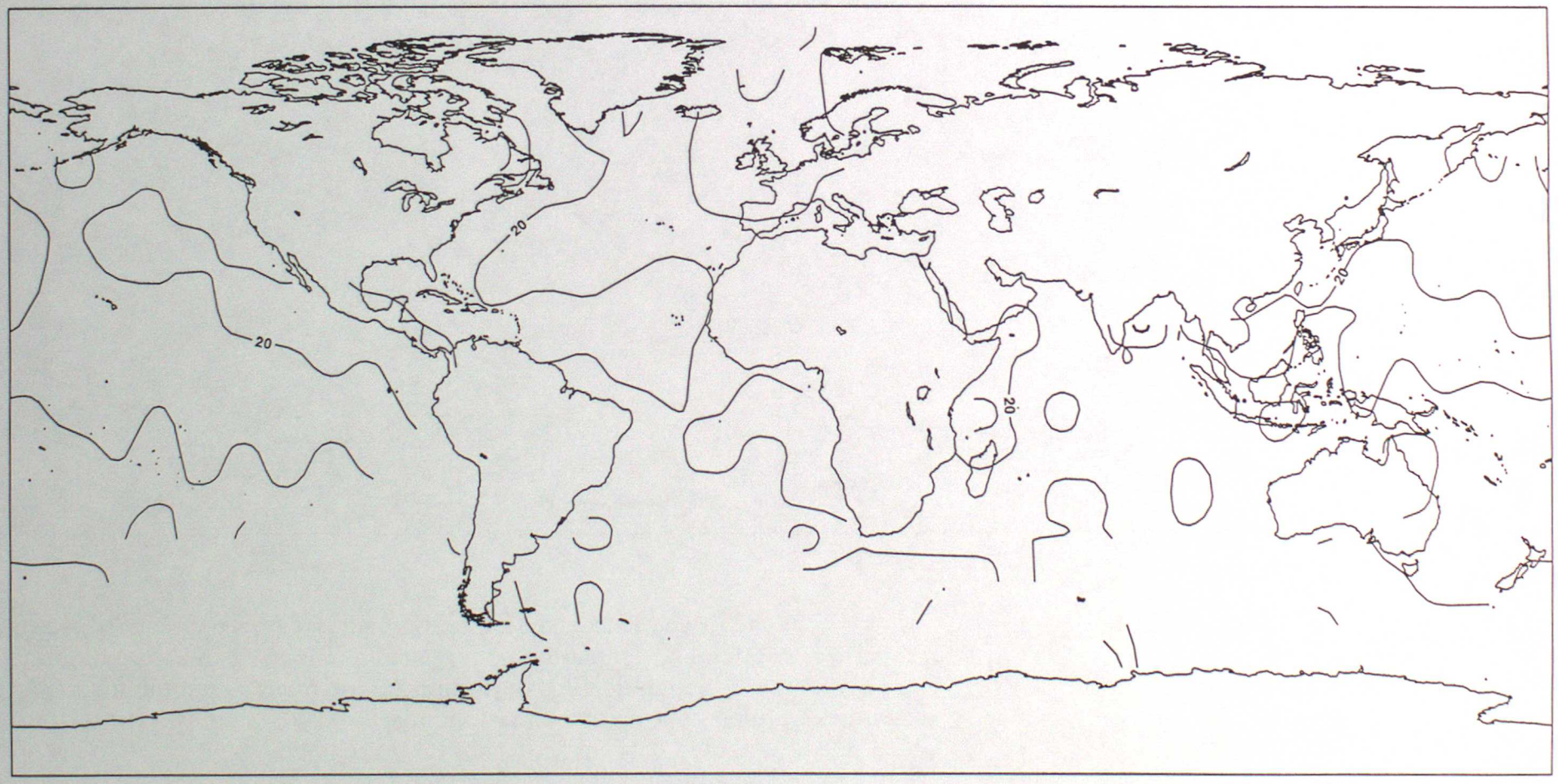


Figure 11:
Plot of the Number of Ship Wind Direction Observations. Date:- January - June 2003
Only observations passing quality control included

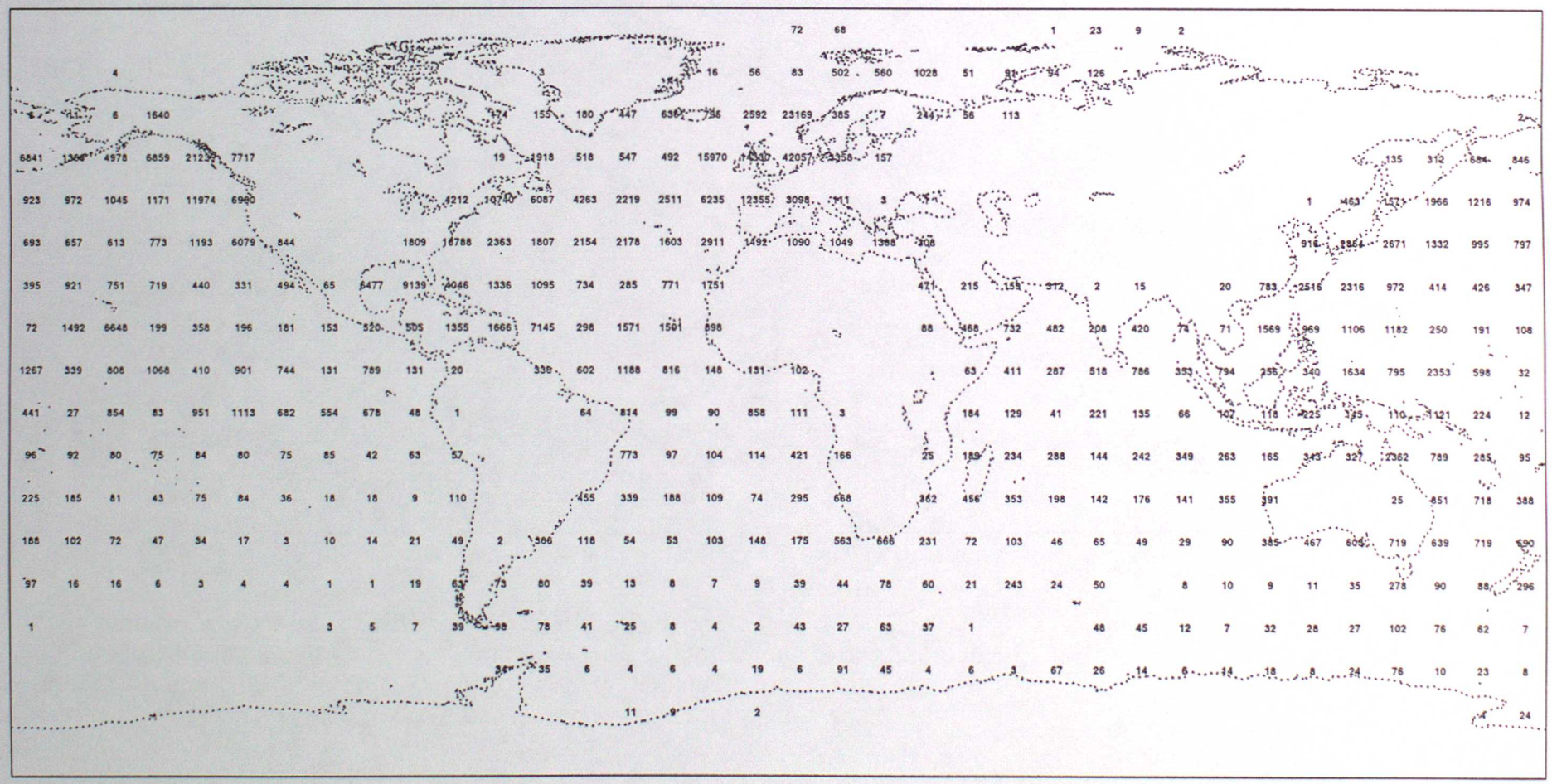


Figure 12: Bias of Ship O-B SST (degrees C). Date:- January - June 2003
Only observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a bias of magnitude greater than 1.0 degree C

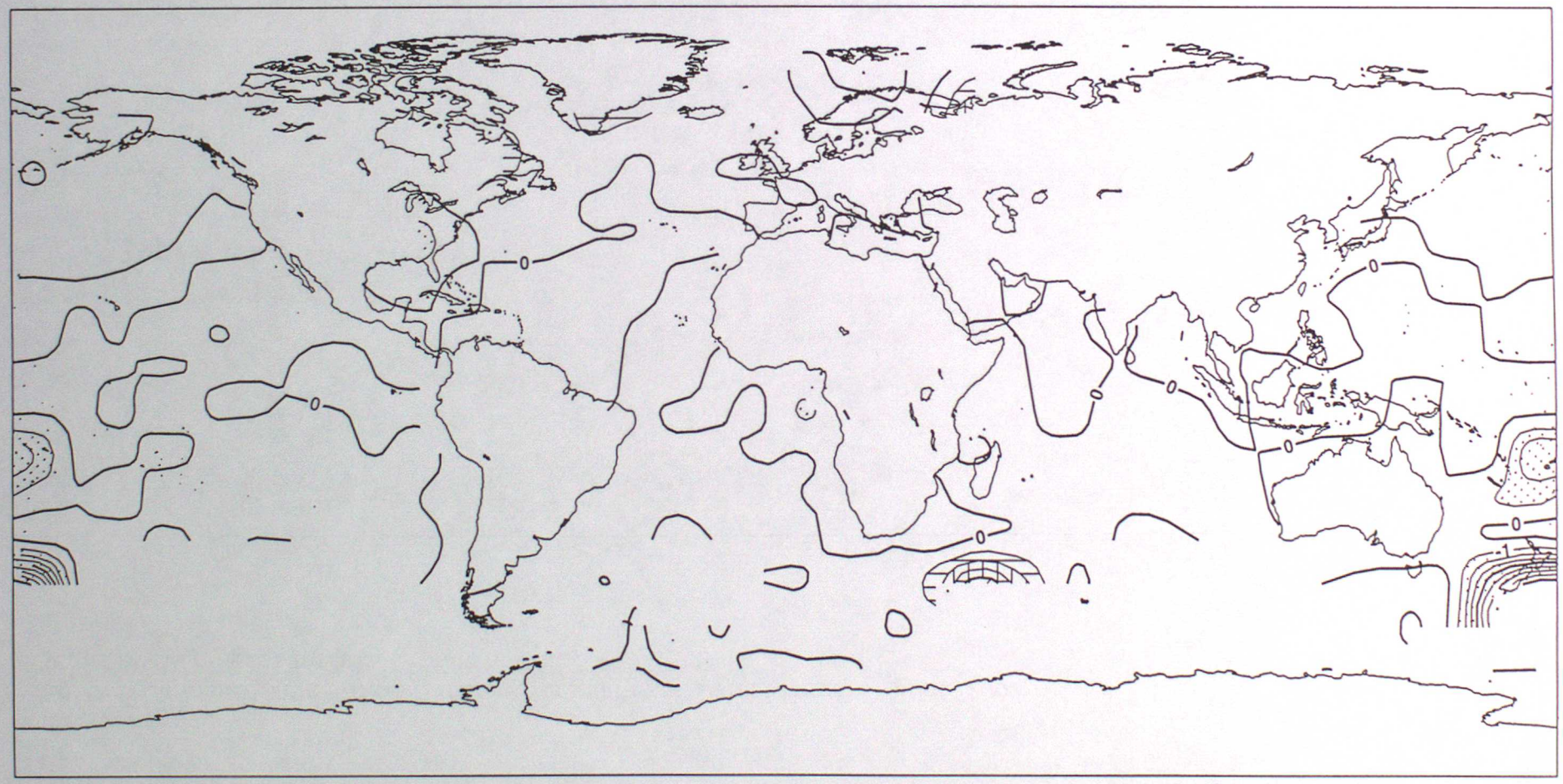


Figure 13: Standard Deviation of Ship O-B SST (degrees C). Date:- January - June 2003
Only Observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a standard deviation of greater than 3.0 degrees C

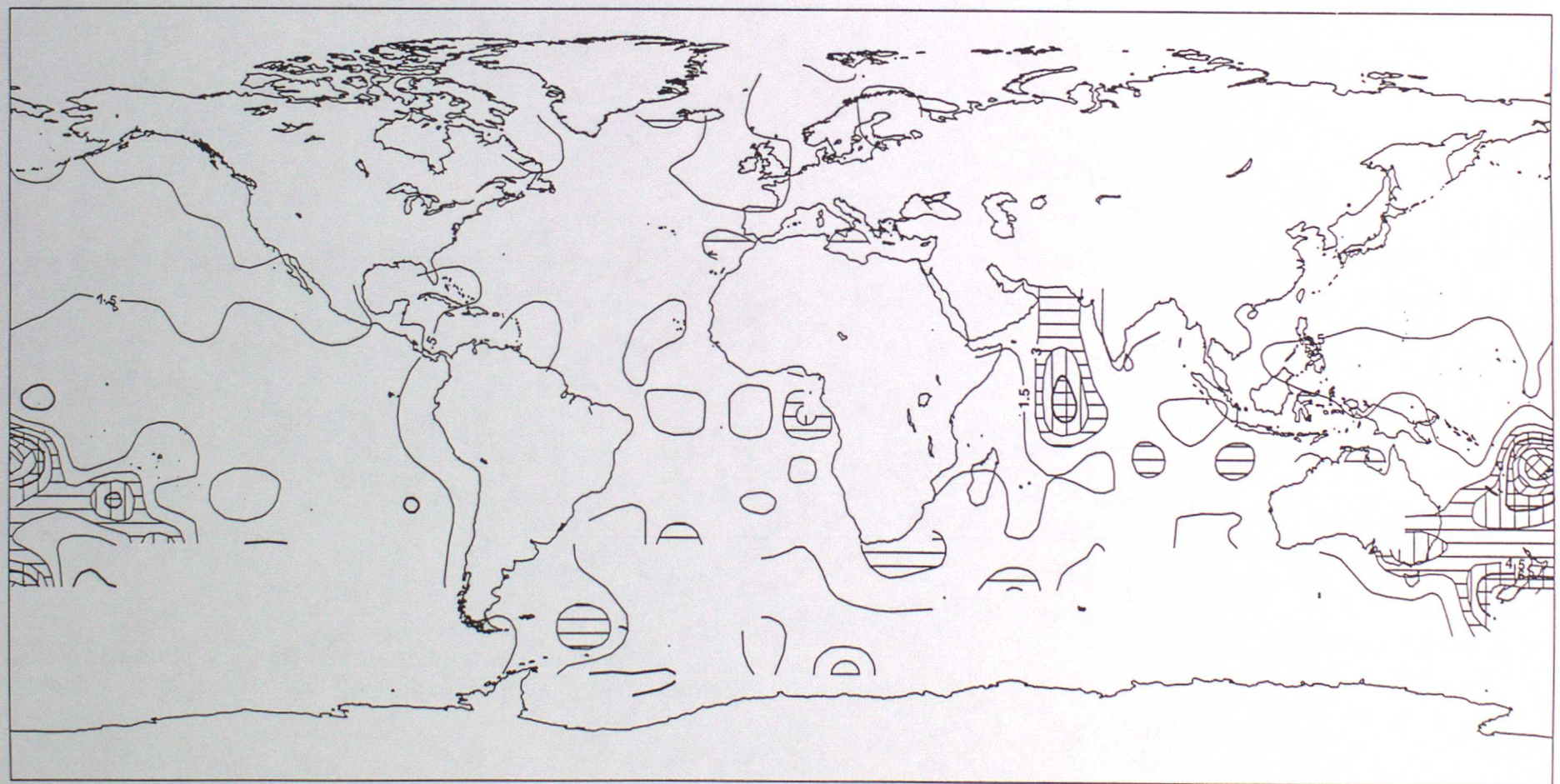
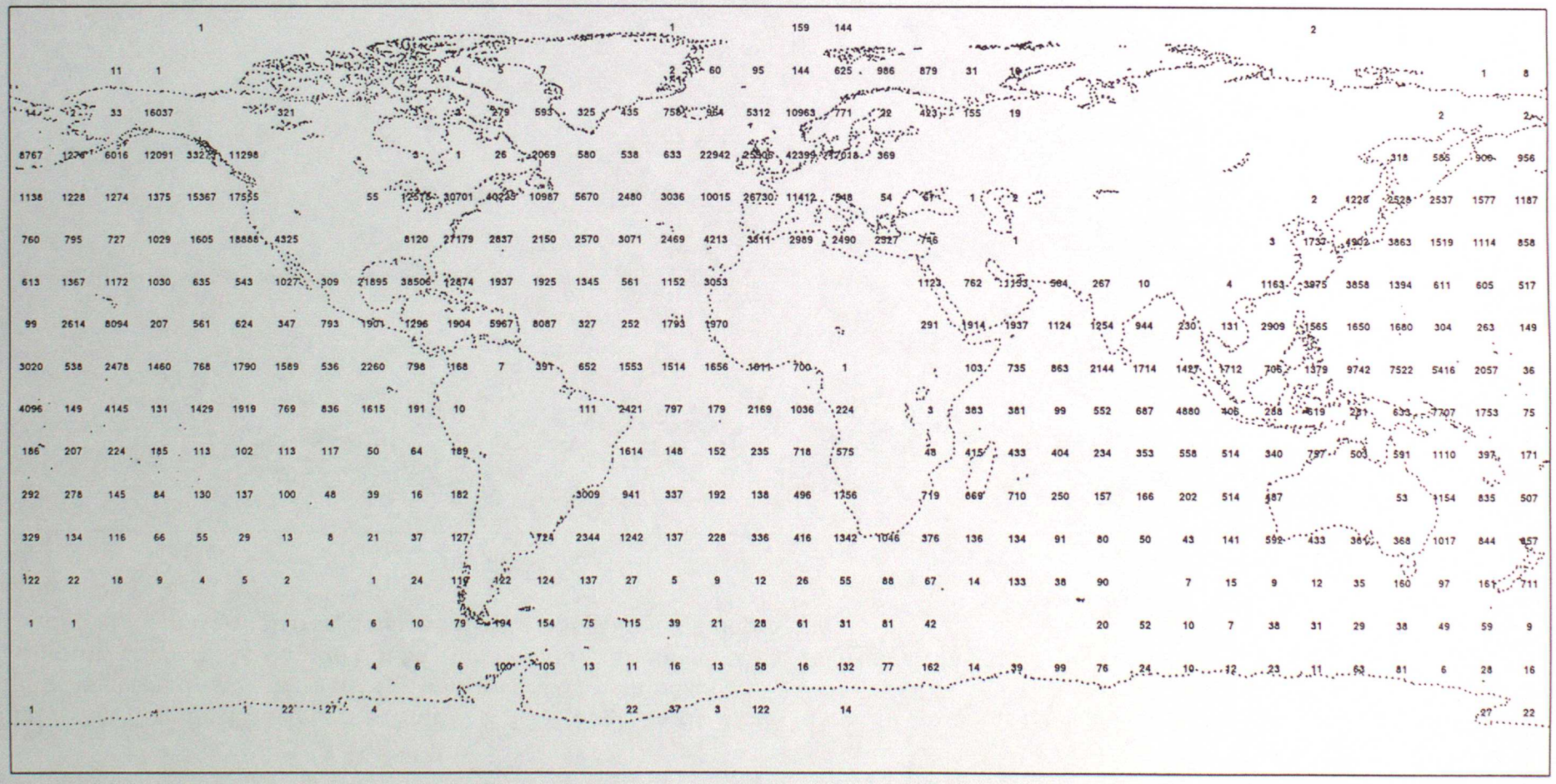


Figure 14:
Plot of the Number of Ship SST Observations. Date:- January - June 2003
Only observations passing quality control included



O-B pressure (hPa) for identifier CGSQ
Number of obs. plotted = 69 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B pressure (hPa) for identifier CG2522
Number of obs. plotted = 767 Number of outliers = 0
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B pressure (hPa) for identifier CG2556
Number of obs. plotted = 68 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B pressure (hPa) for identifier CYLX
Number of obs. plotted = 46 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
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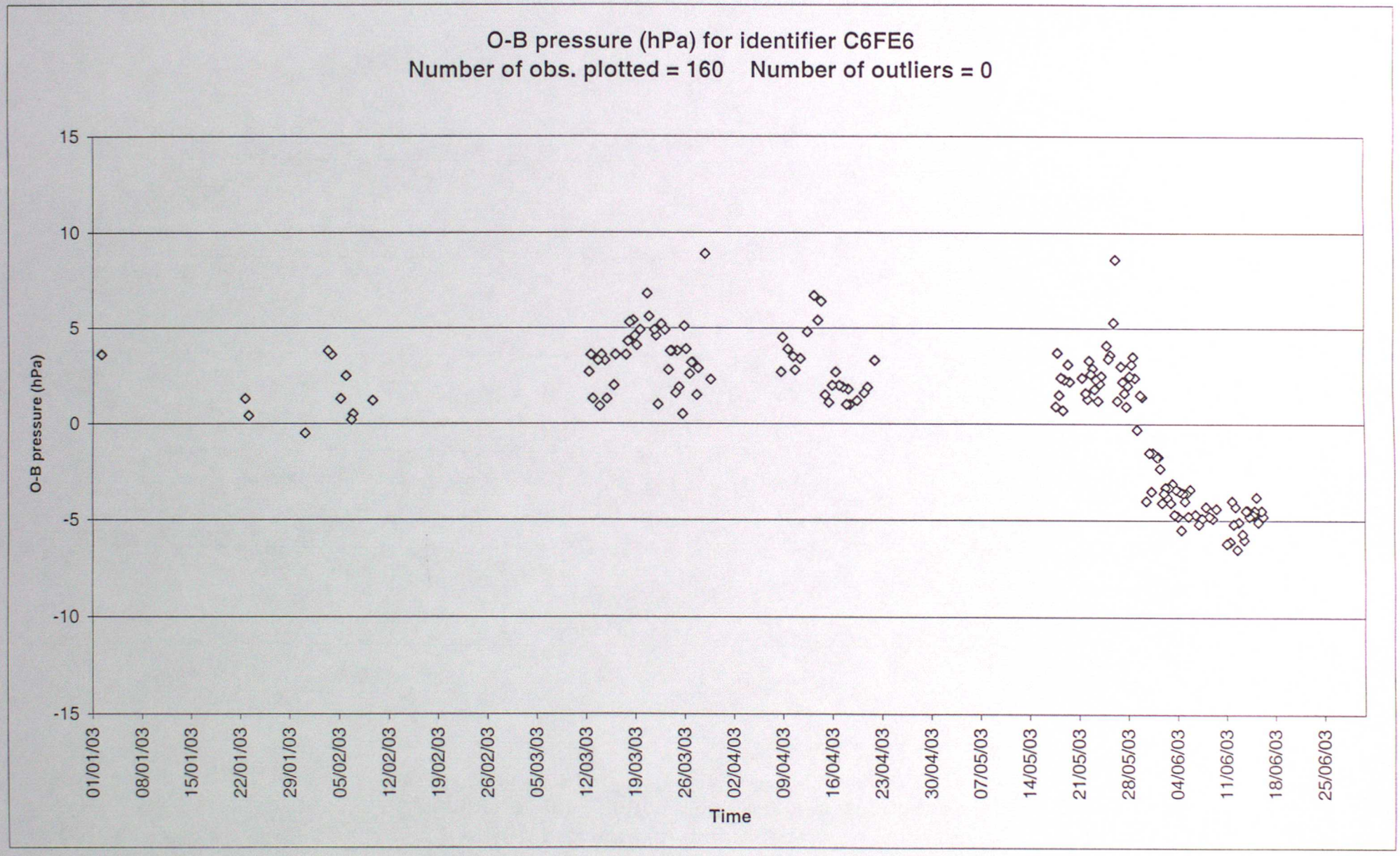
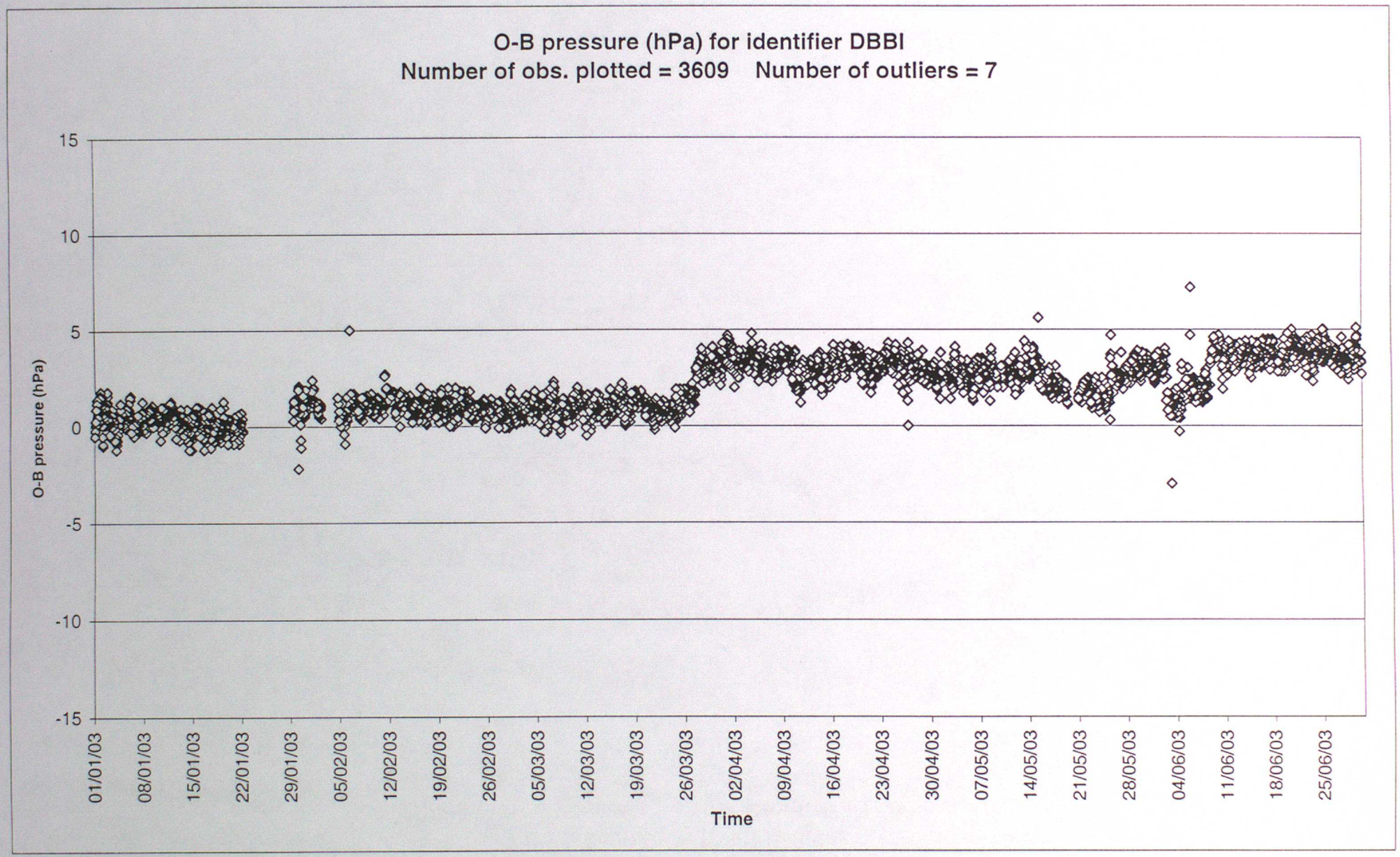
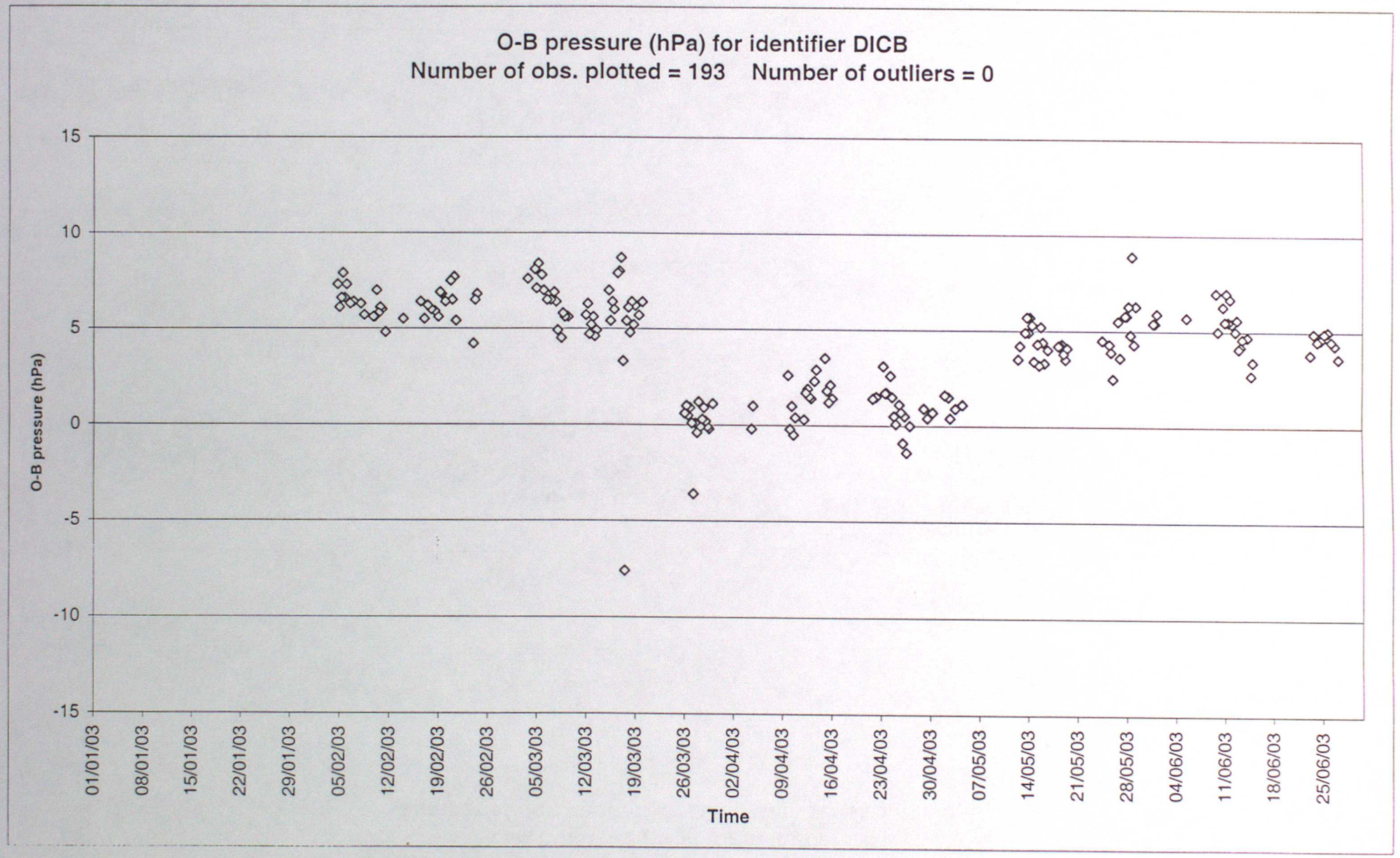
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier C6FE6
Number of obs. plotted = 160 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

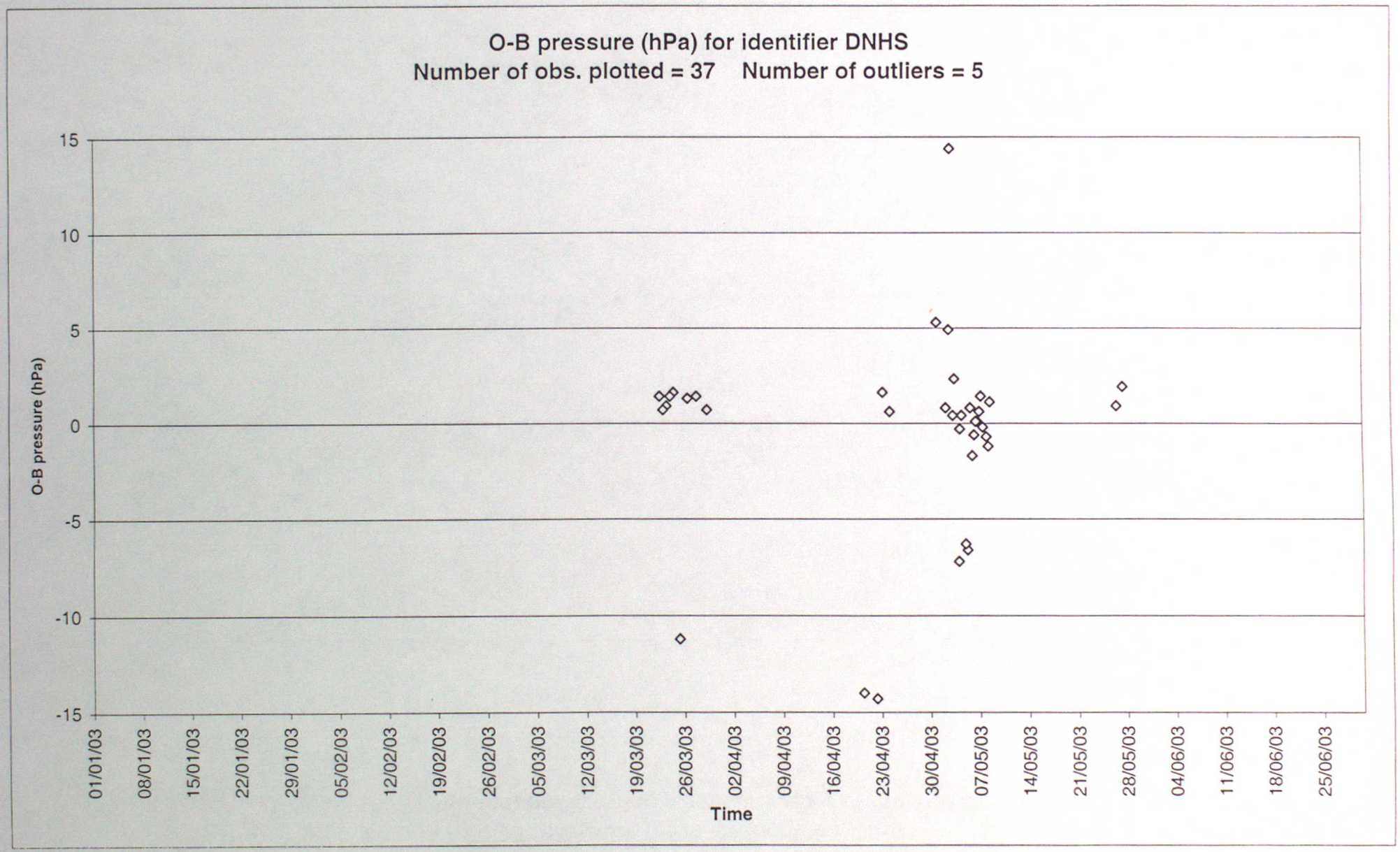
O-B pressure (hPa) for identifier C6KE3
Number of obs. plotted = 63 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B pressure (hPa) for identifier C6SI4
Number of obs. plotted = 157 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

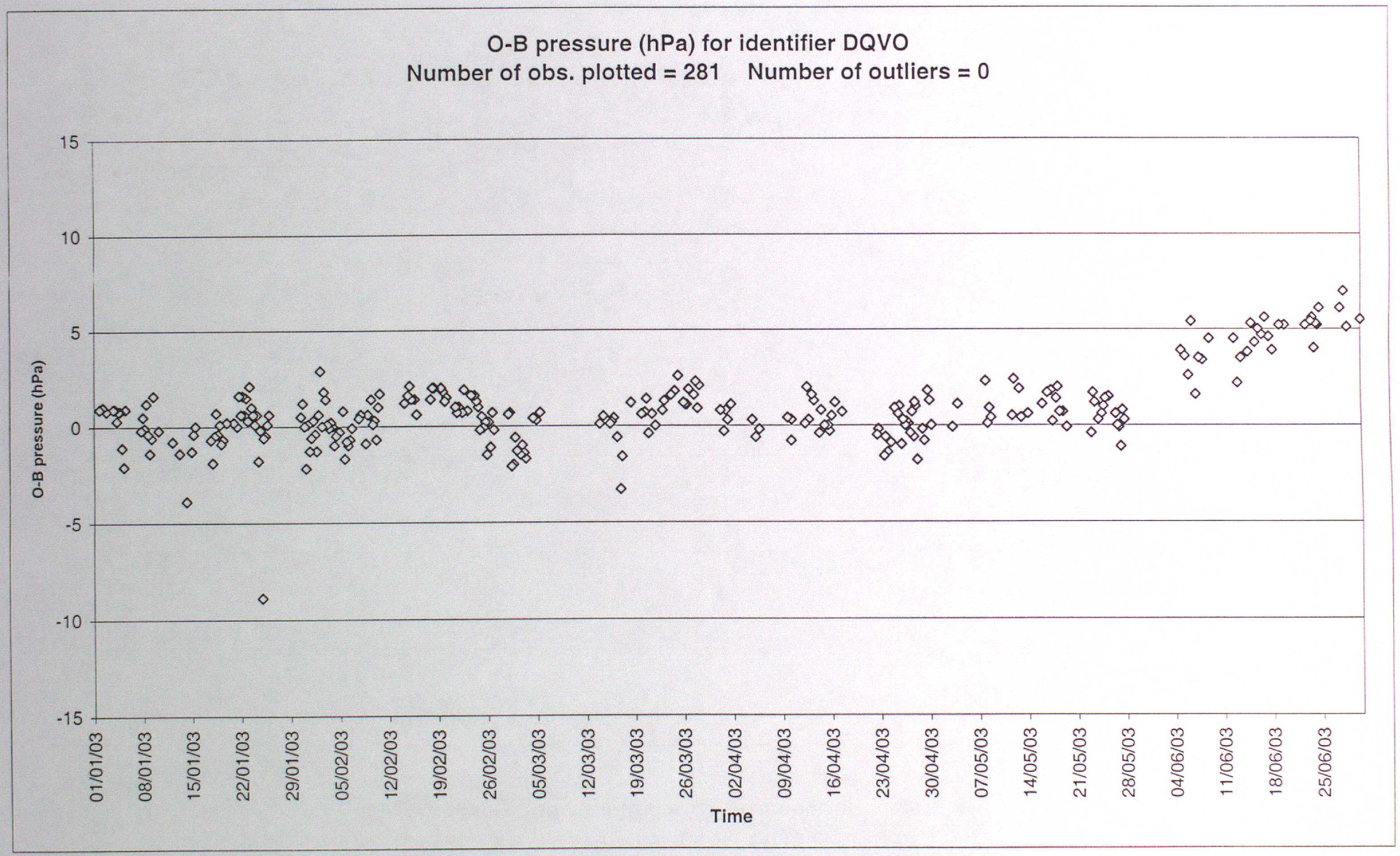

O-B pressure (hPa) for identifier DBBI
Number of obs. plotted = 3609 Number of outliers = 7
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B pressure (hPa) for identifier DICB
Number of obs. plotted = 193 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B pressure (hPa) for identifier DIHN
Number of obs. plotted = 112 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier DNHS
Number of obs. plotted = 37 Number of outliers = 5
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

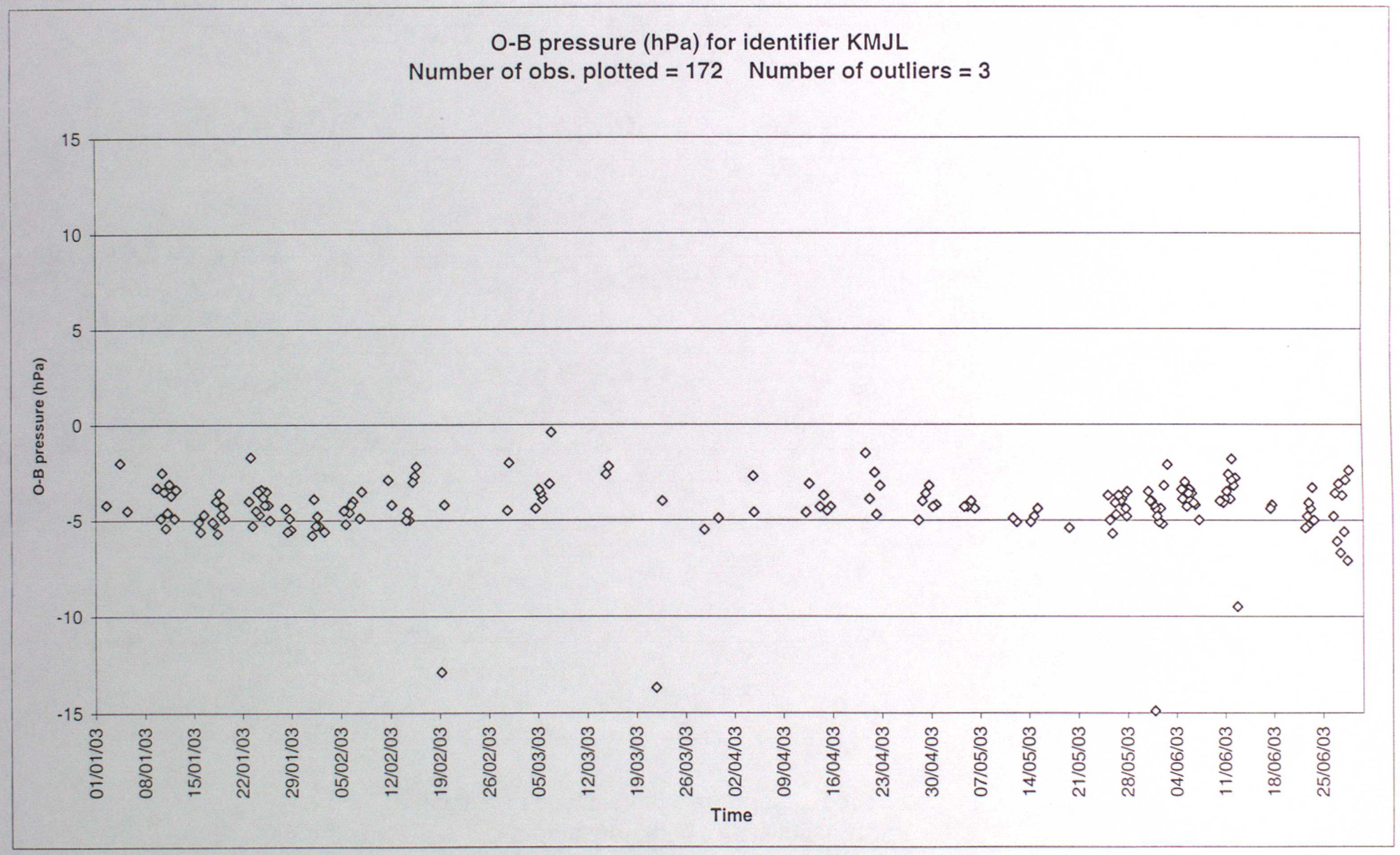
O-B pressure (hPa) for identifier DPUW
Number of obs. plotted = 72 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier DQVO
Number of obs. plotted = 281 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B pressure (hPa) for identifier D3EXQ9D
Number of obs. plotted = 85 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B pressure (hPa) for identifier D5XH
Number of obs. plotted = 109 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B pressure (hPa) for identifier ELYD5
Number of obs. plotted = 67 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier KMJL
Number of obs. plotted = 172 Number of outliers = 3
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B pressure (hPa) for identifier KS014
Number of obs. plotted = 152 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

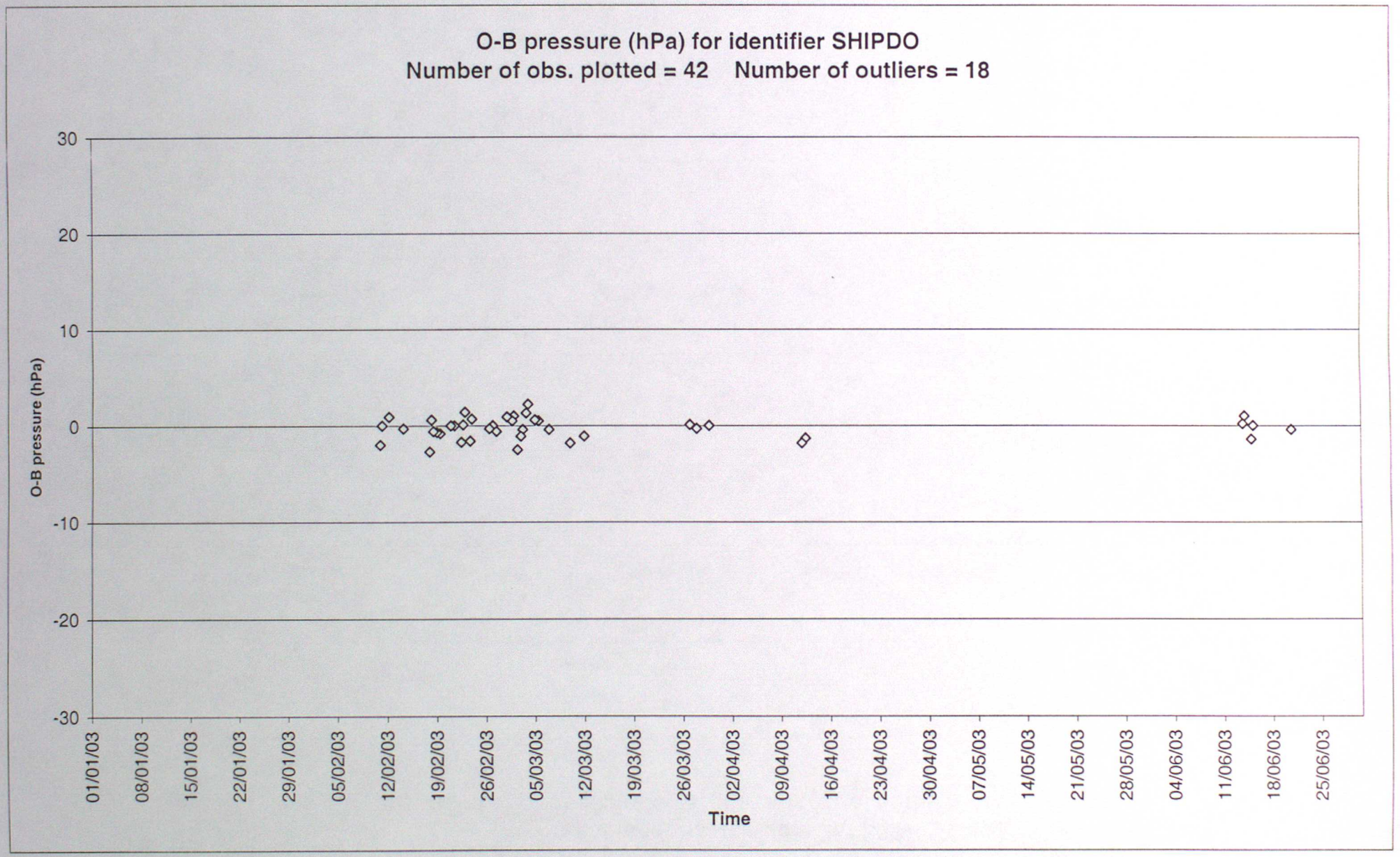
O-B pressure (hPa) for identifier LAOL5
Number of obs. plotted = 93 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

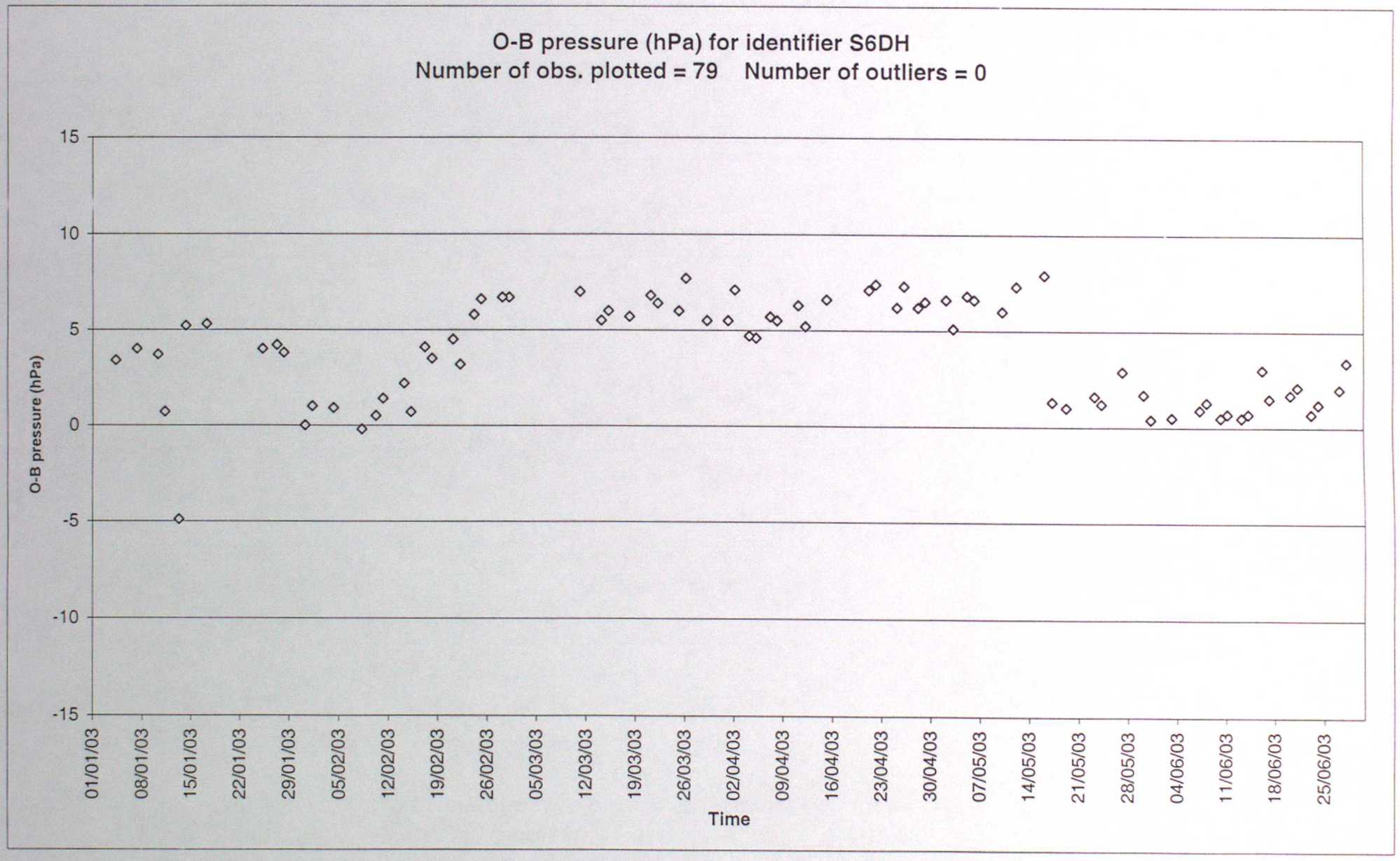
O-B pressure (hPa) for identifier OUKN2
Number of obs. plotted = 115 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B pressure (hPa) for identifier OWDD
Number of obs. plotted = 171 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

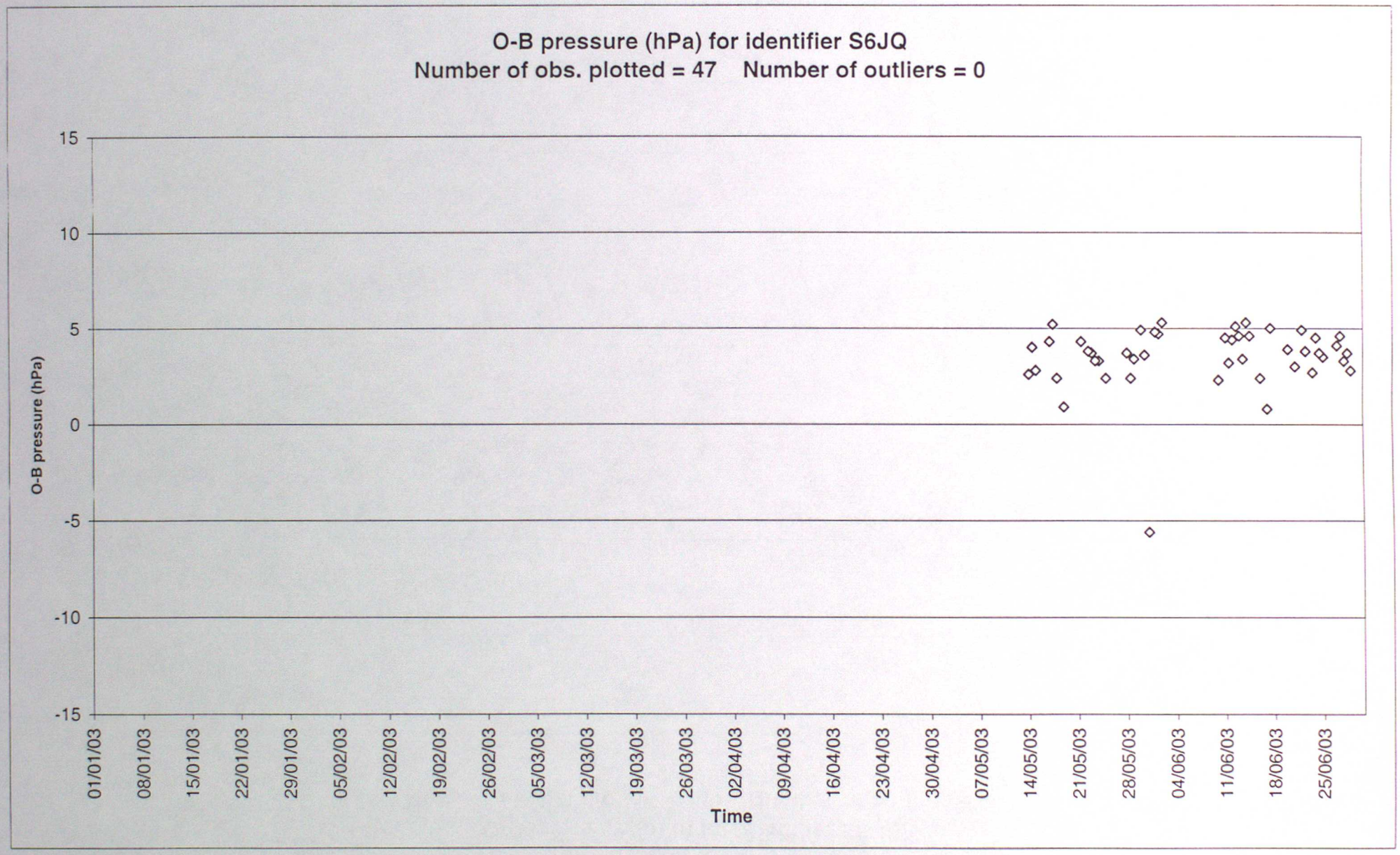
O-B pressure (hPa) for identifier OYYK2
Number of obs. plotted = 258 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B pressure (hPa) for identifier OZFC2
Number of obs. plotted = 73 Number of outliers = 3
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

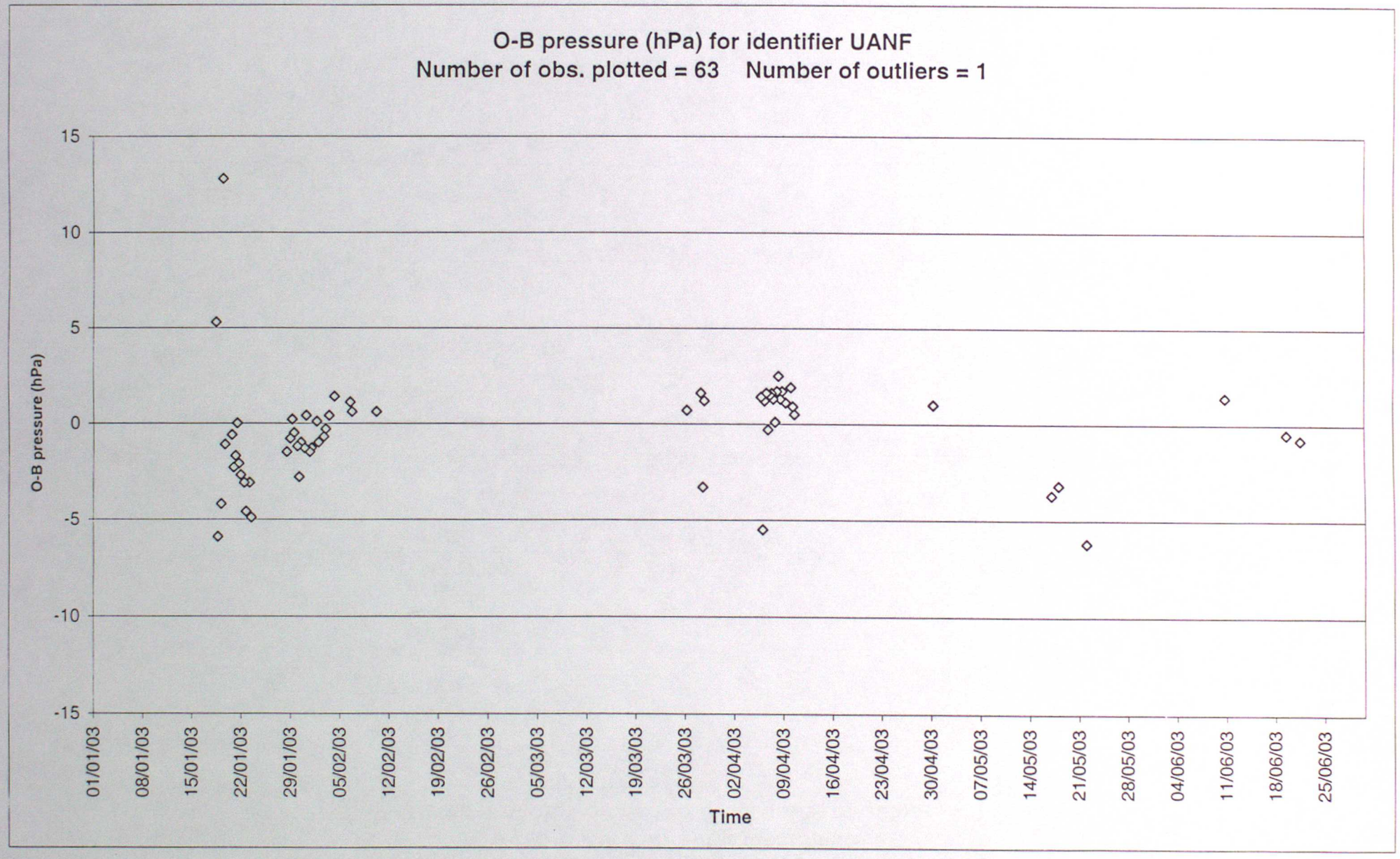

O-B pressure (hPa) for identifier SHIPDO
Number of obs. plotted = 42 Number of outliers = 18
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B pressure (hPa) for identifier S6DH
Number of obs. plotted = 79 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

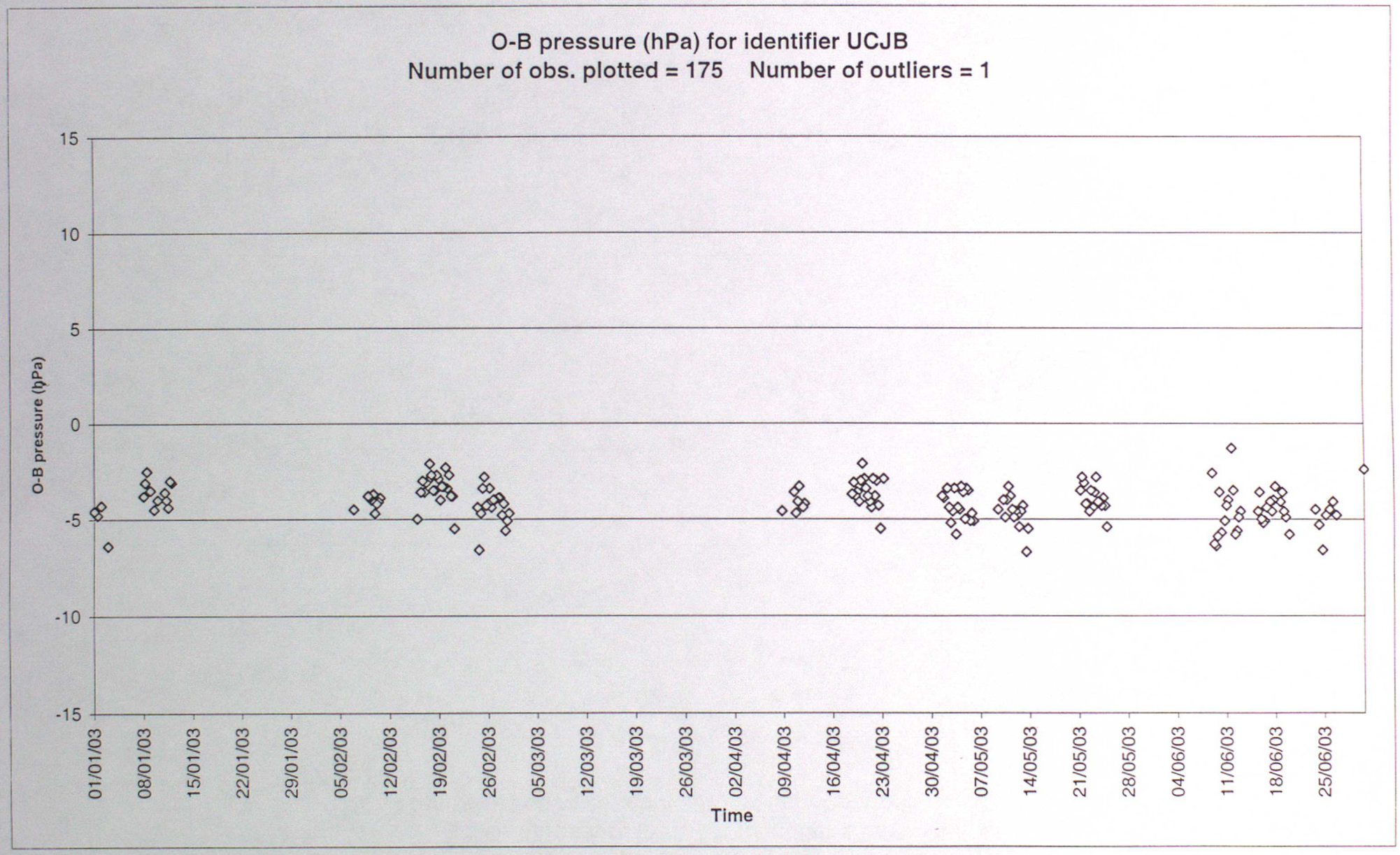
O-B pressure (hPa) for identifier S6HU8
Number of obs. plotted = 330 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier S6JQ
Number of obs. plotted = 47 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

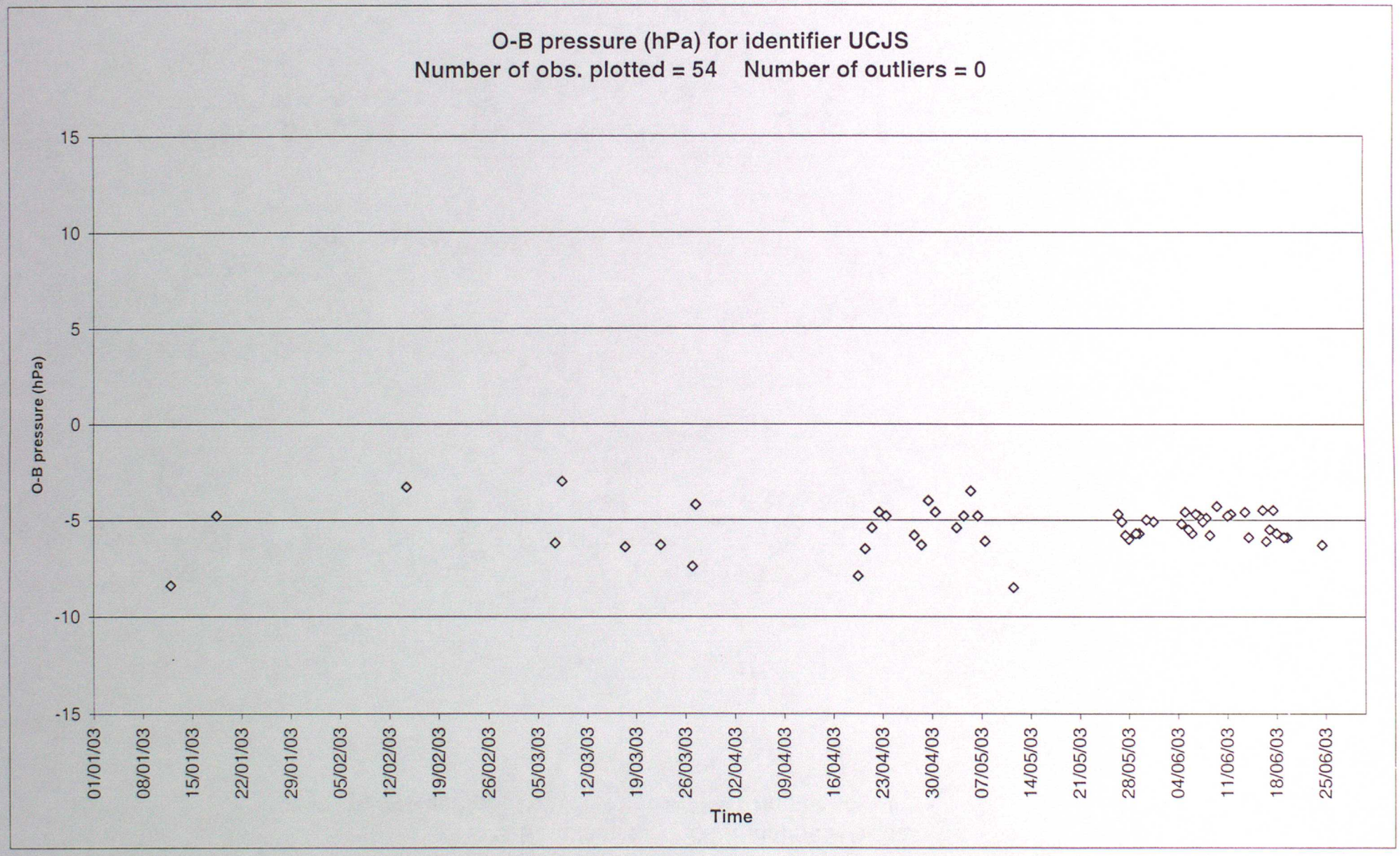
O-B pressure (hPa) for identifier S6JR
Number of obs. plotted = 52 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier UANF
Number of obs. plotted = 63 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

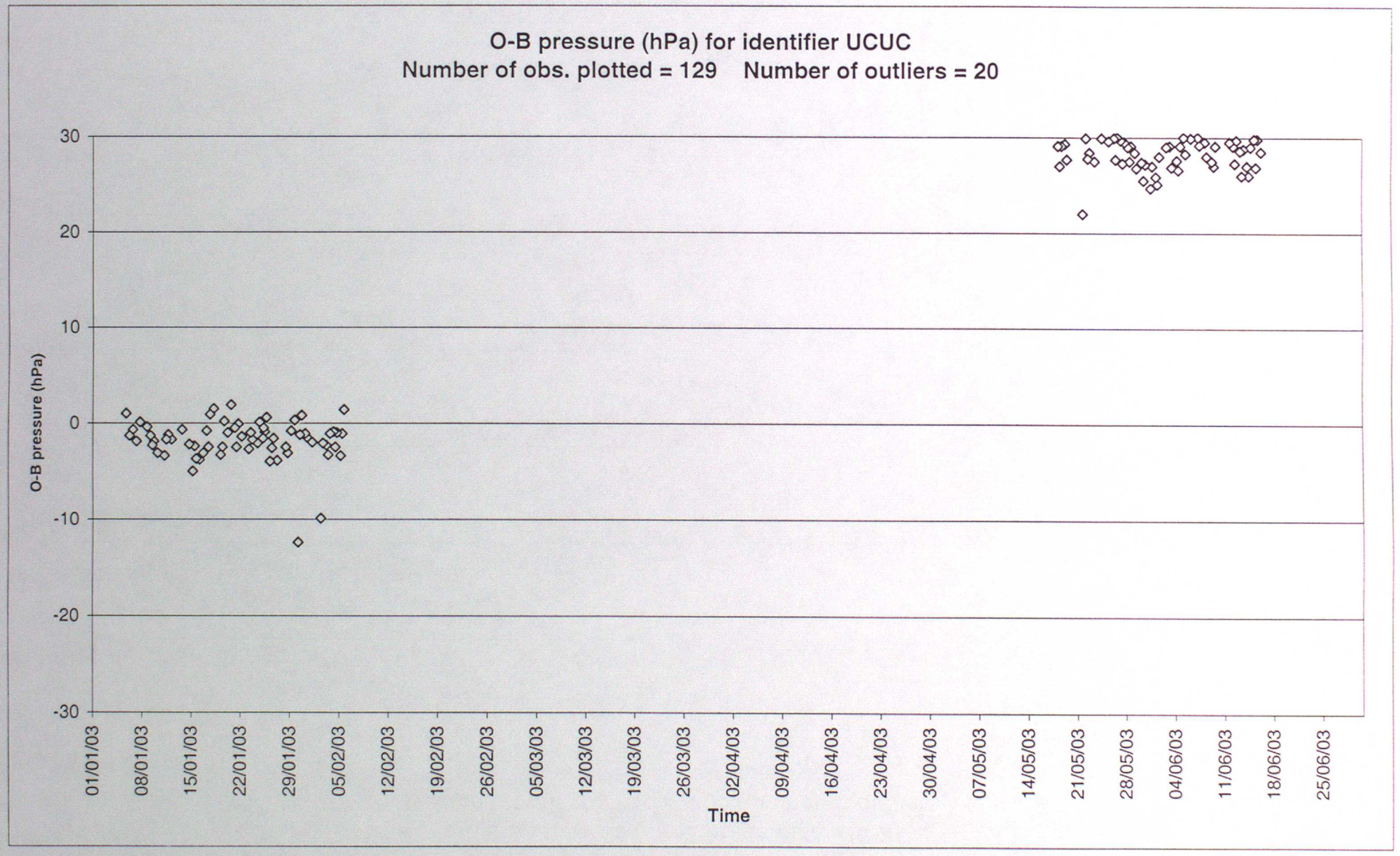
O-B pressure (hPa) for identifier UBXP
Number of obs. plotted = 302 Number of outliers = 3
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

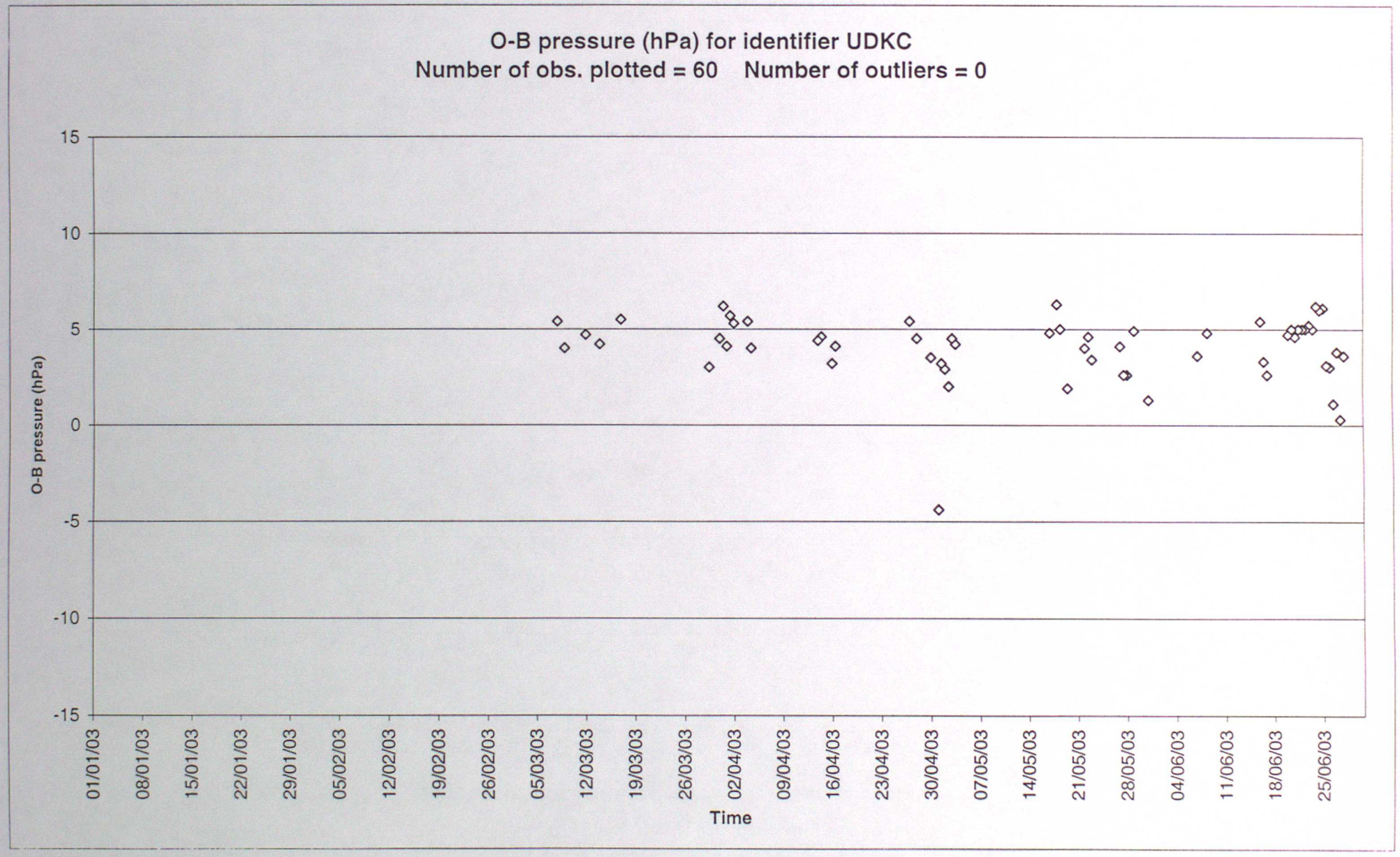

O-B pressure (hPa) for identifier UCJB
Number of obs. plotted = 175 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

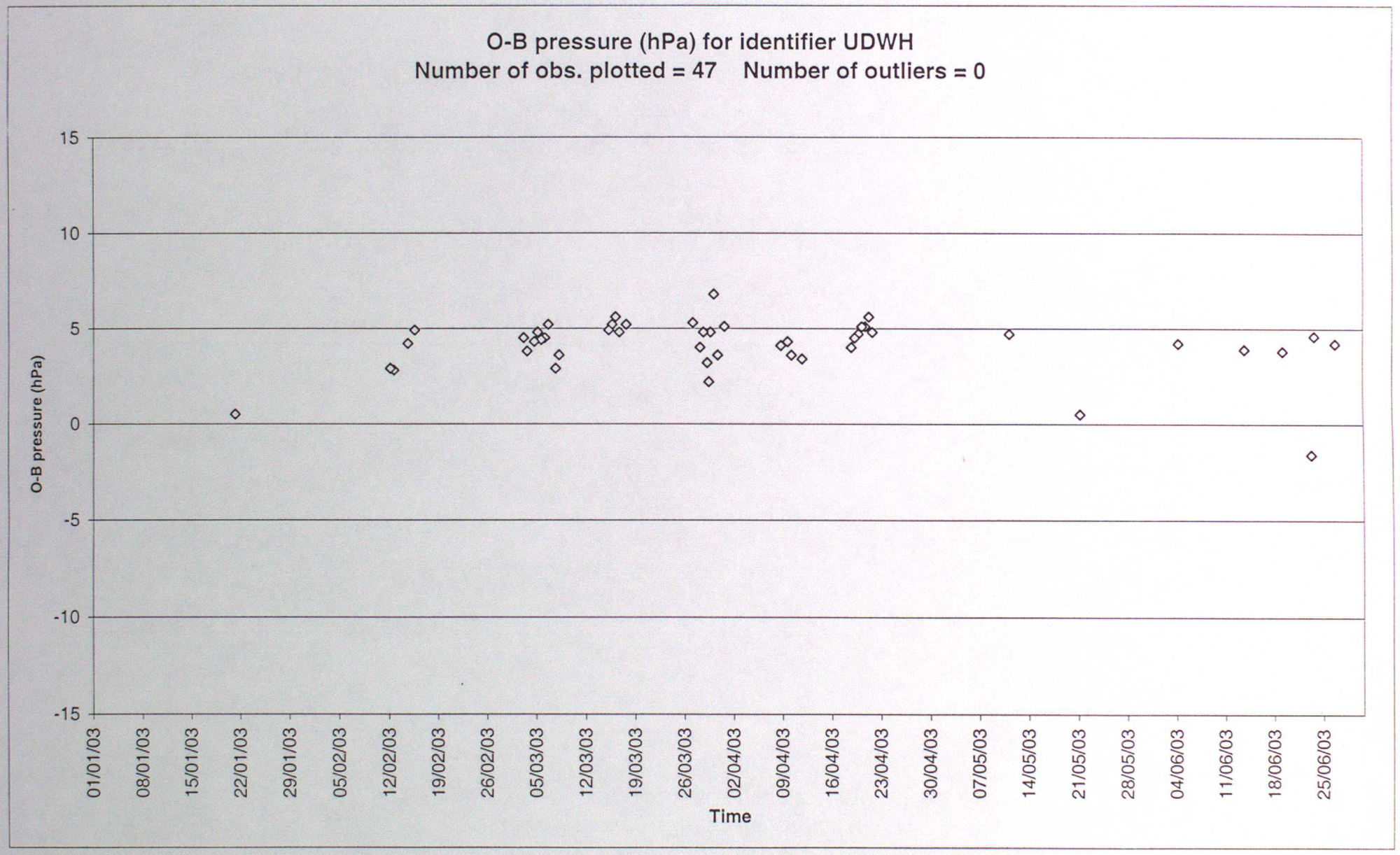
O-B pressure (hPa) for identifier UCJL
Number of obs. plotted = 165 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

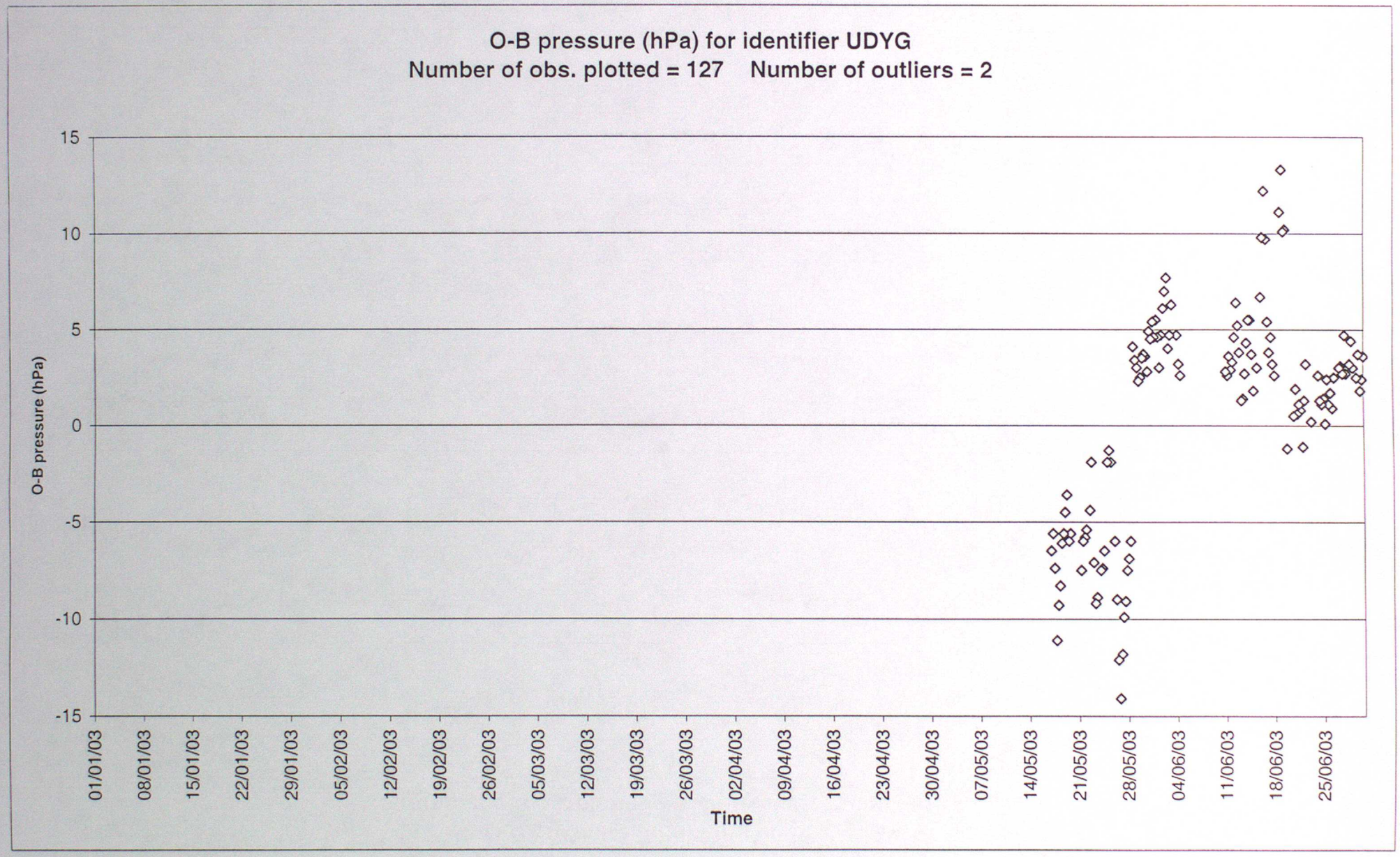

O-B pressure (hPa) for identifier UCJS
Number of obs. plotted = 54 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

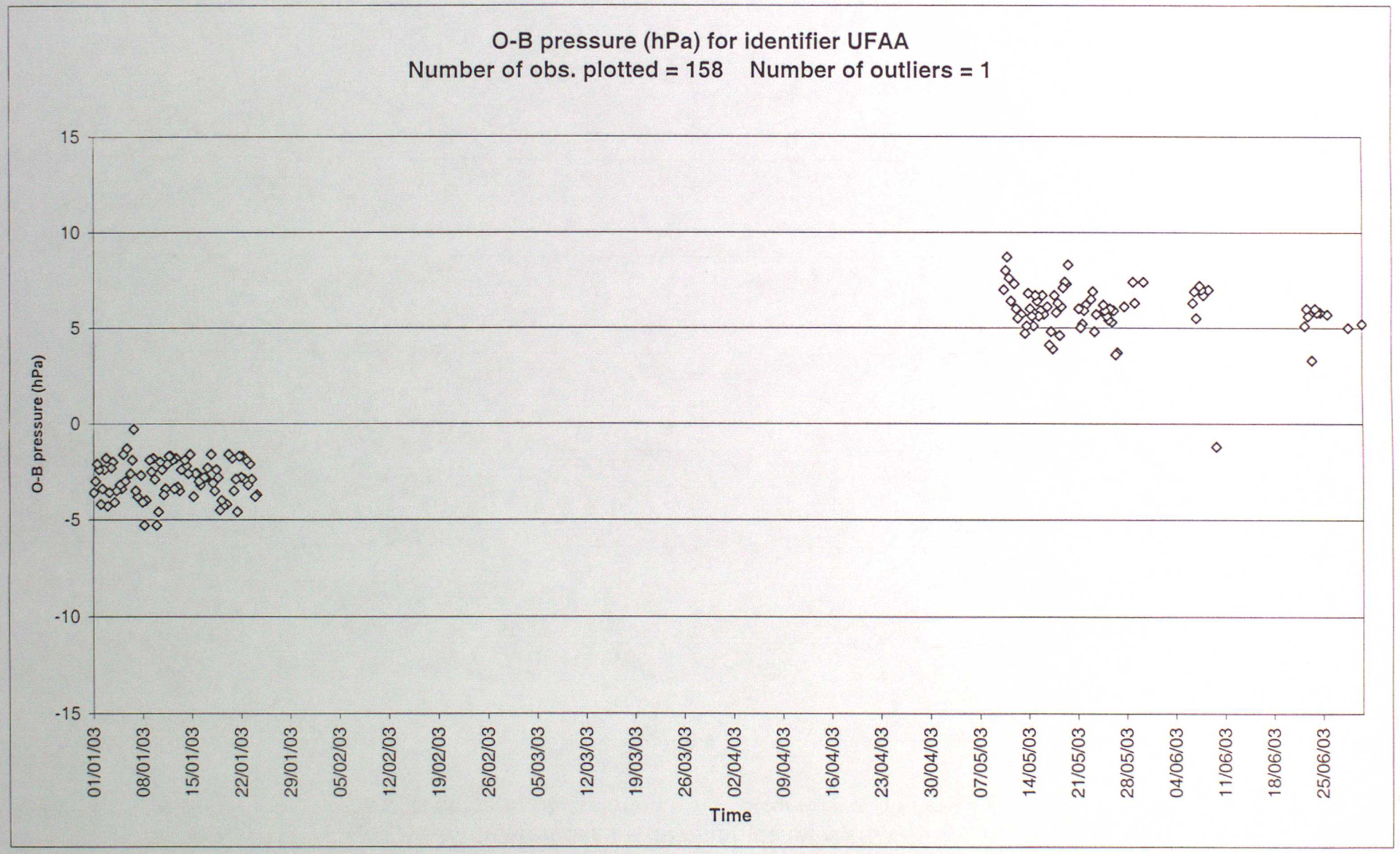
O-B pressure (hPa) for identifier UCSS
Number of obs. plotted = 40 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier UCUC
Number of obs. plotted = 129 Number of outliers = 20
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B pressure (hPa) for identifier UDKC
Number of obs. plotted = 60 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B pressure (hPa) for identifier UDWH
Number of obs. plotted = 47 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

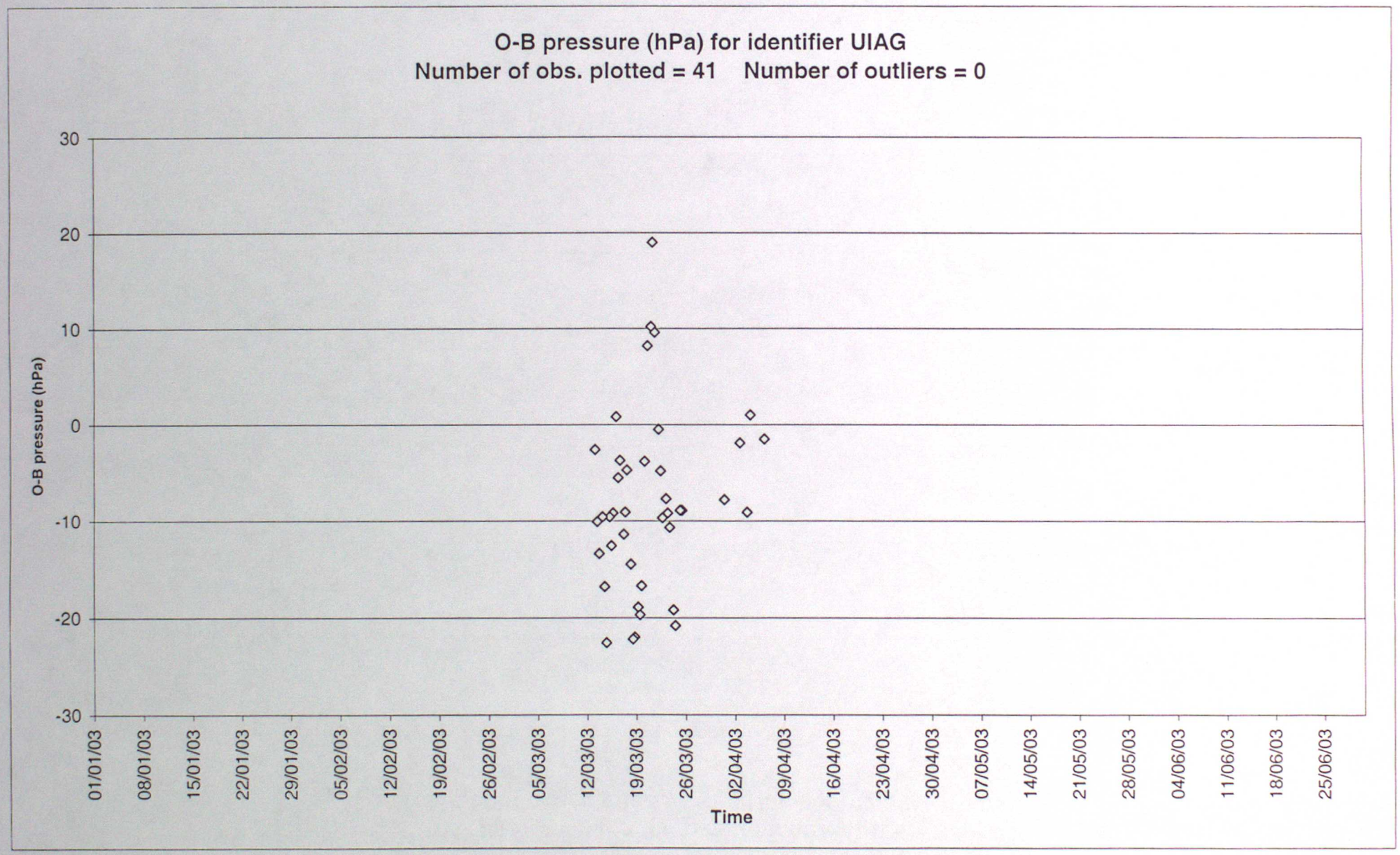

O-B pressure (hPa) for identifier UDYG
Number of obs. plotted = 127 Number of outliers = 2
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B pressure (hPa) for identifier UFAA
Number of obs. plotted = 158 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

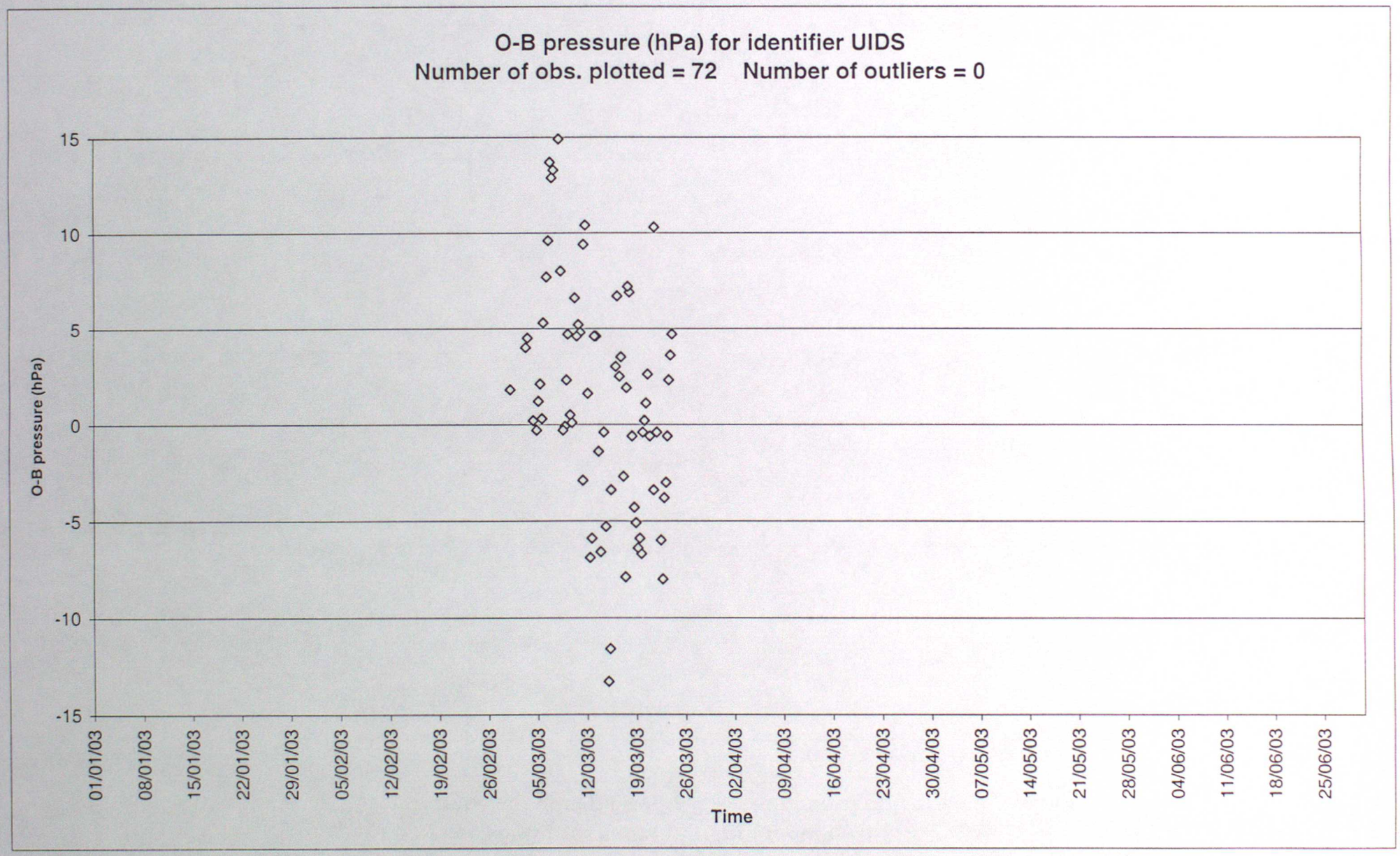
O-B pressure (hPa) for identifier UFEQ
Number of obs. plotted = 33 Number of outliers = 7
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B pressure (hPa) for identifier UGGA
Number of obs. plotted = 236 Number of outliers = 2
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B pressure (hPa) for identifier UHLE
Number of obs. plotted = 261 Number of outliers = 3
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier UIAG
Number of obs. plotted = 41 Number of outliers = 0
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B pressure (hPa) for identifier UIAI
Number of obs. plotted = 80 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier UIDS
Number of obs. plotted = 72 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

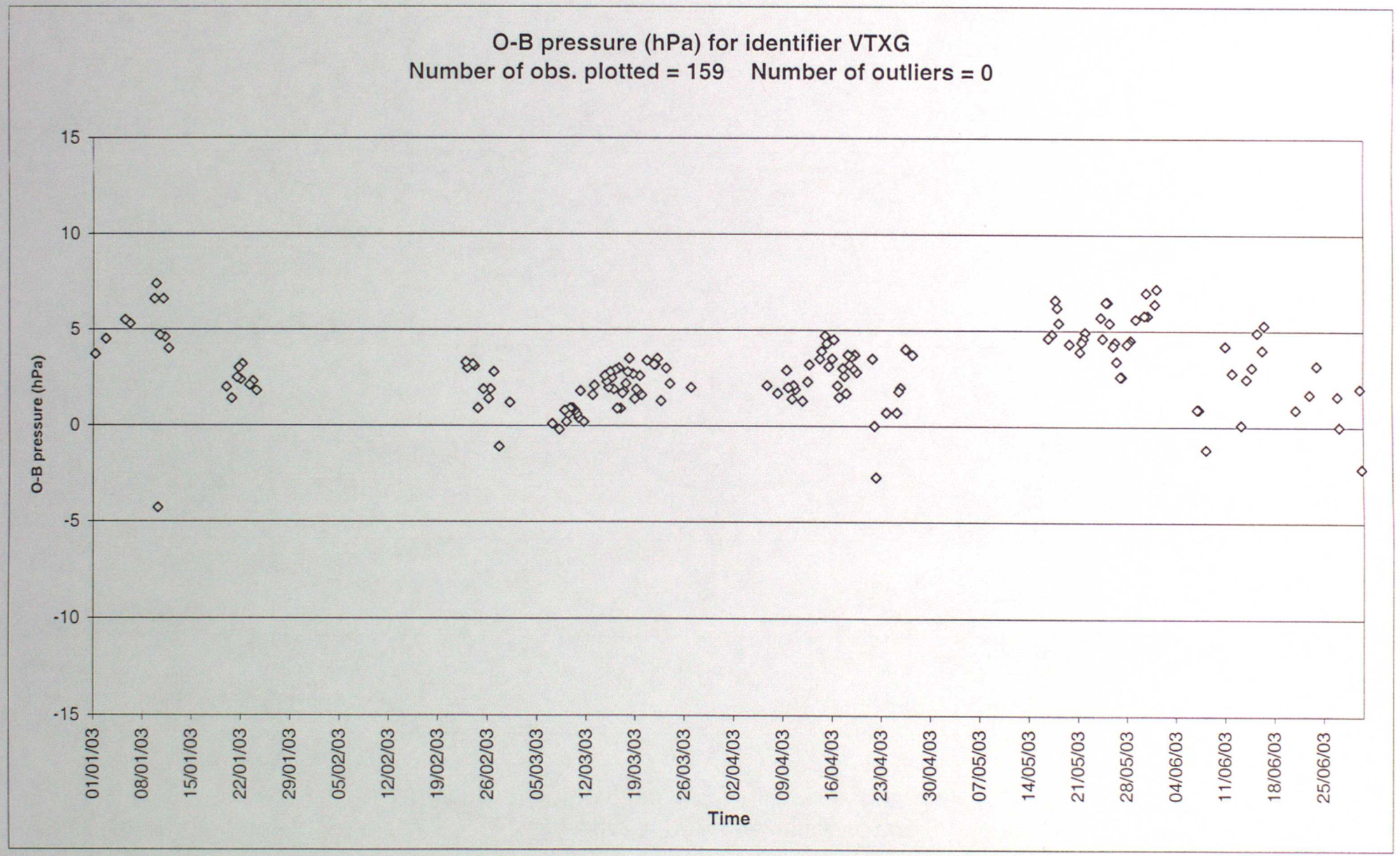
O-B pressure (hPa) for identifier UIZE
Number of obs. plotted = 173 Number of outliers = 6
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B pressure (hPa) for identifier VCLX
Number of obs. plotted = 78 Number of outliers = 1
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

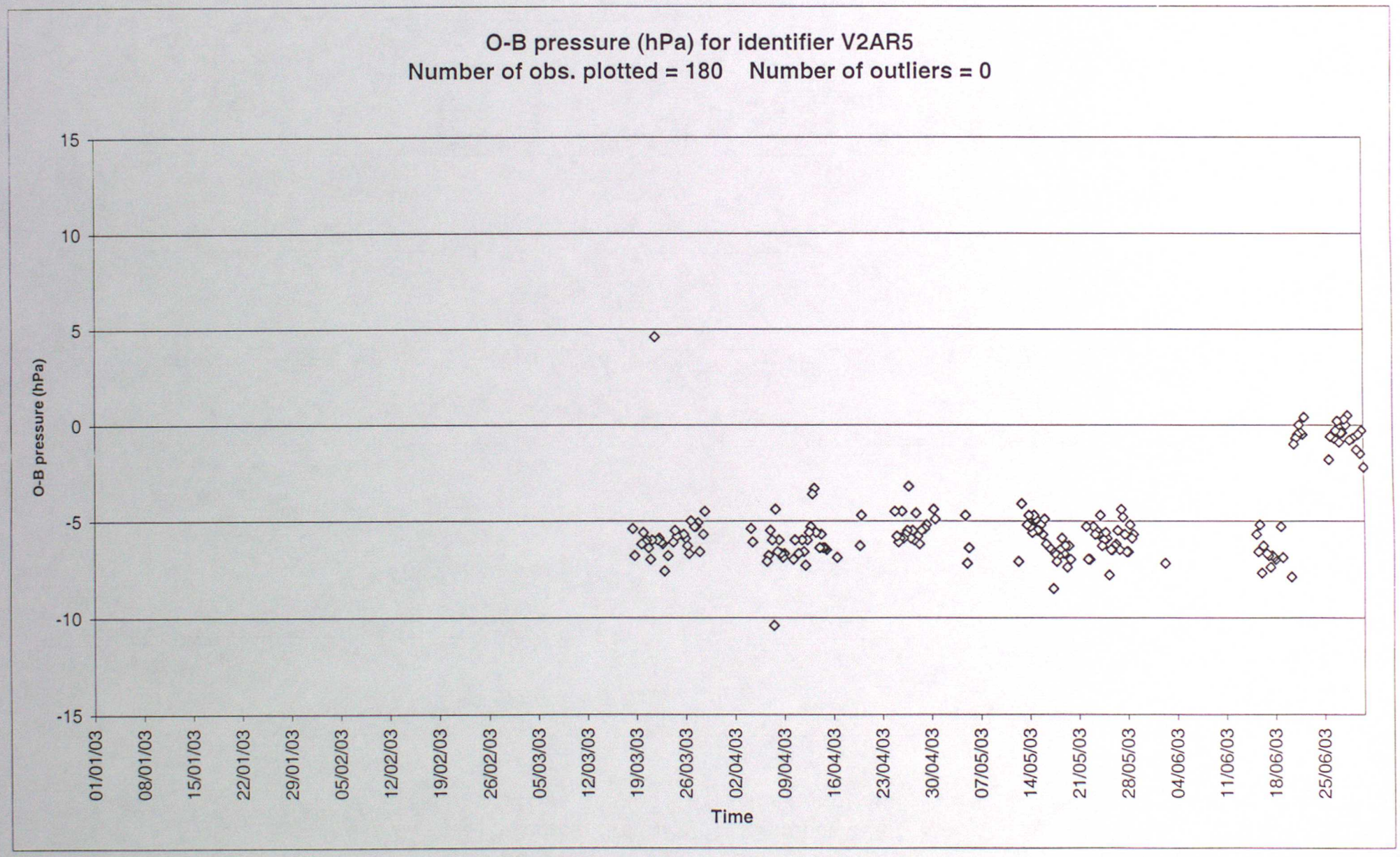
O-B pressure (hPa) for identifier VJT6198
Number of obs. plotted = 42 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B pressure (hPa) for identifier VMGO
Number of obs. plotted = 99 Number of outliers = 2
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B pressure (hPa) for identifier VOWN
Number of obs. plotted = 42 Number of outliers = 1
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

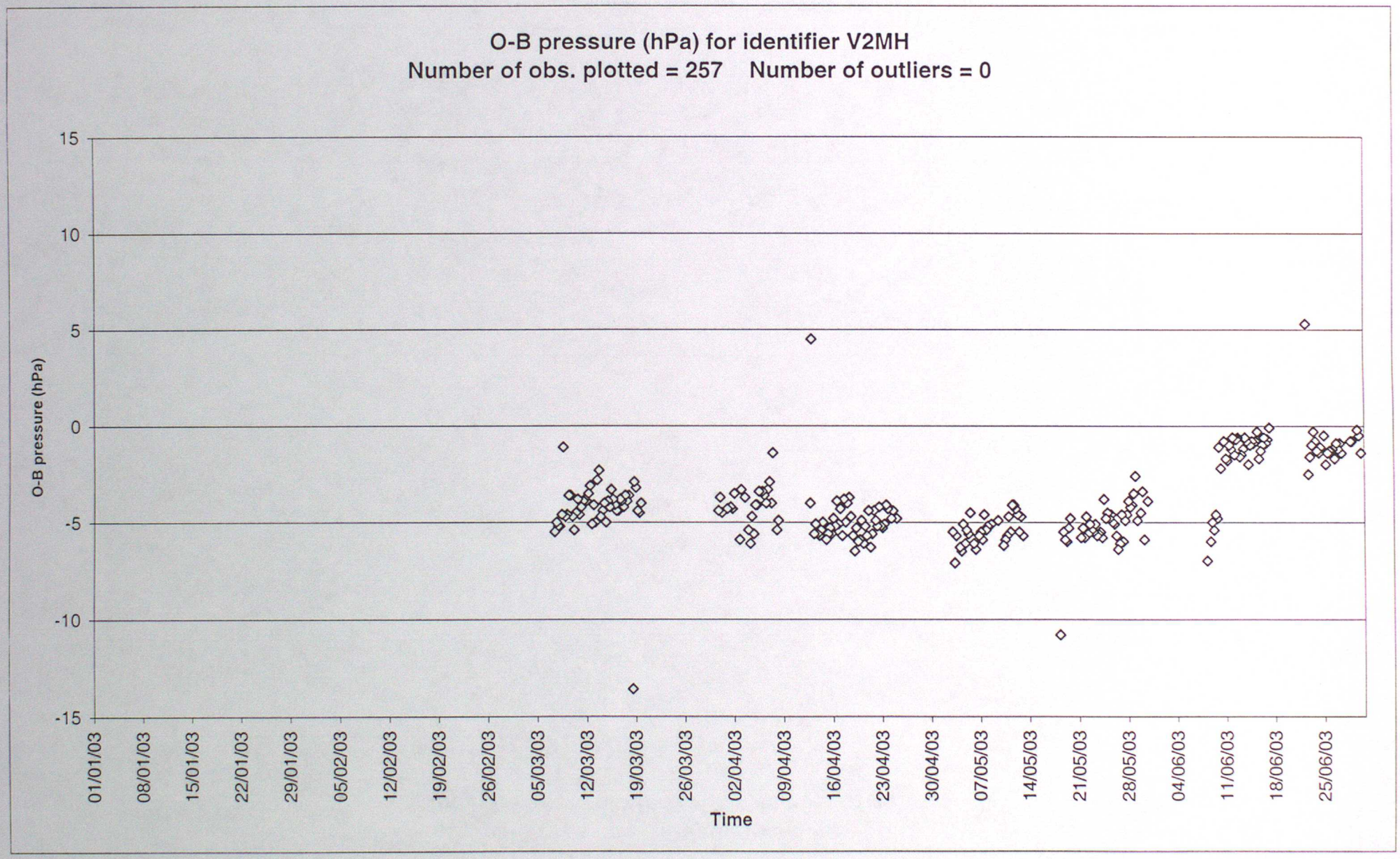

O-B pressure (hPa) for identifier VTXG
Number of obs. plotted = 159 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

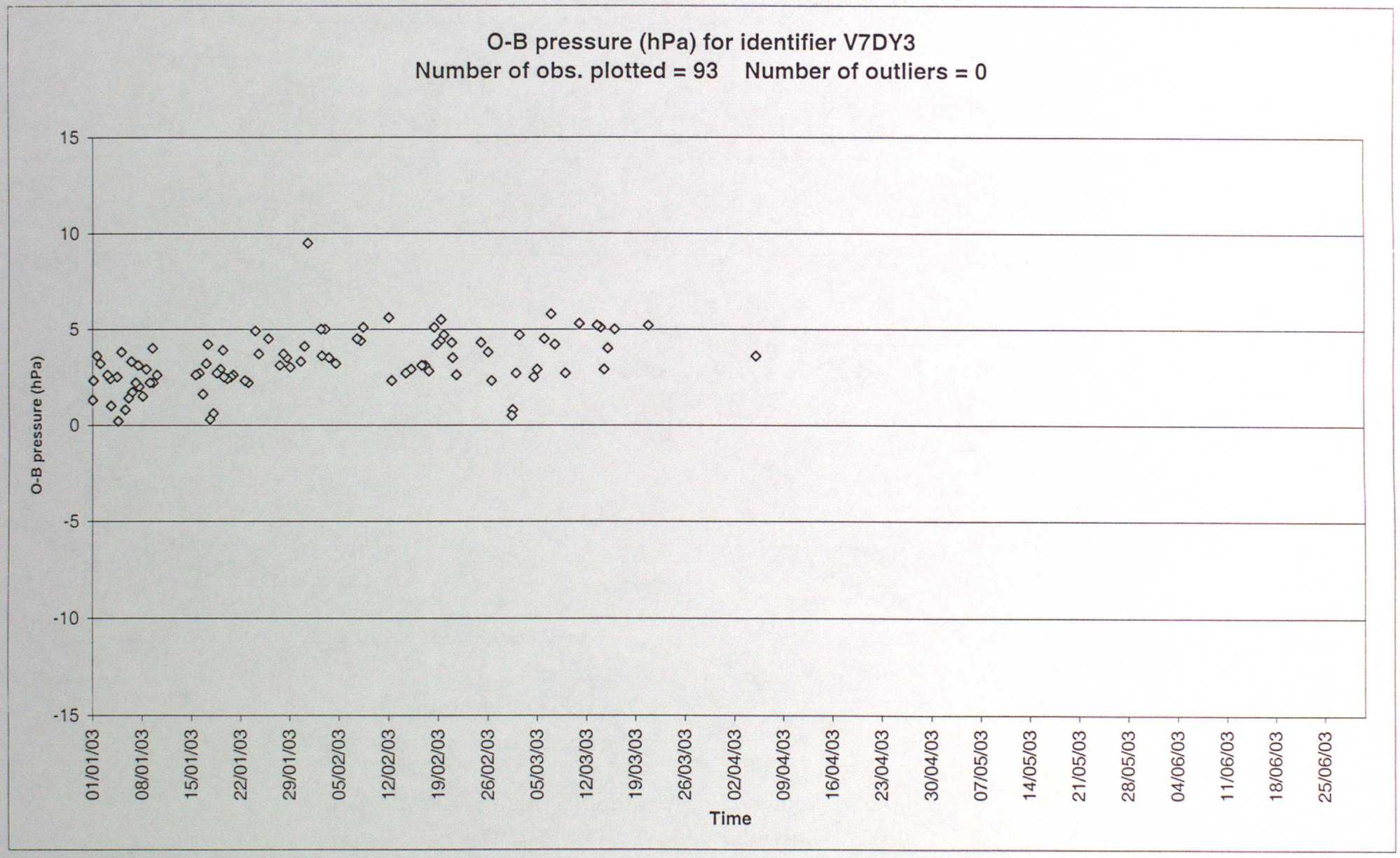
O-B pressure (hPa) for identifier VVKT
Number of obs. plotted = 67 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier V2AR5
Number of obs. plotted = 180 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

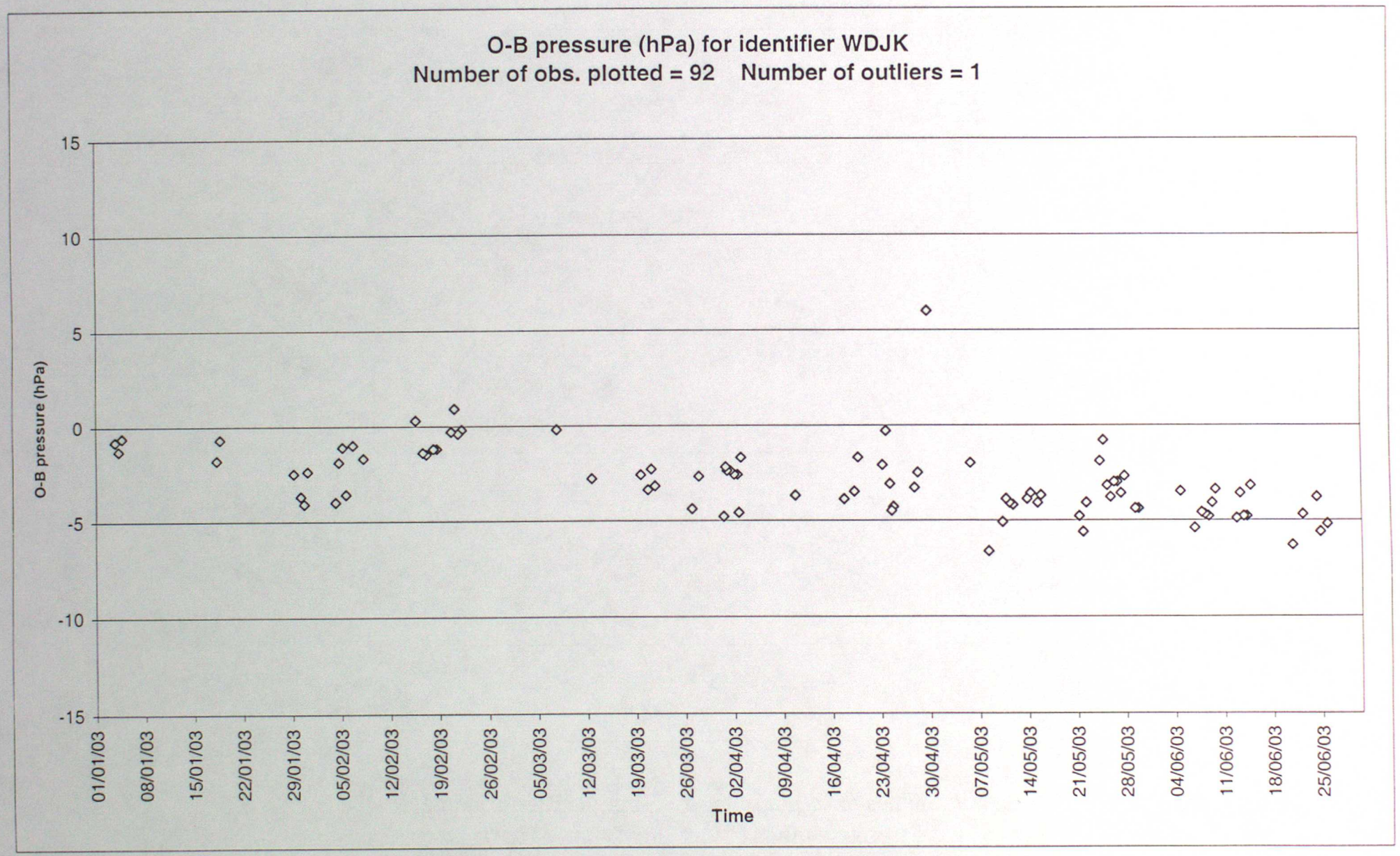
O-B pressure (hPa) for identifier V2AZ5
Number of obs. plotted = 127 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B pressure (hPa) for identifier V2KU
Number of obs. plotted = 146 Number of outliers = 5
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier V2MH
Number of obs. plotted = 257 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B pressure (hPa) for identifier V7DY3
Number of obs. plotted = 93 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

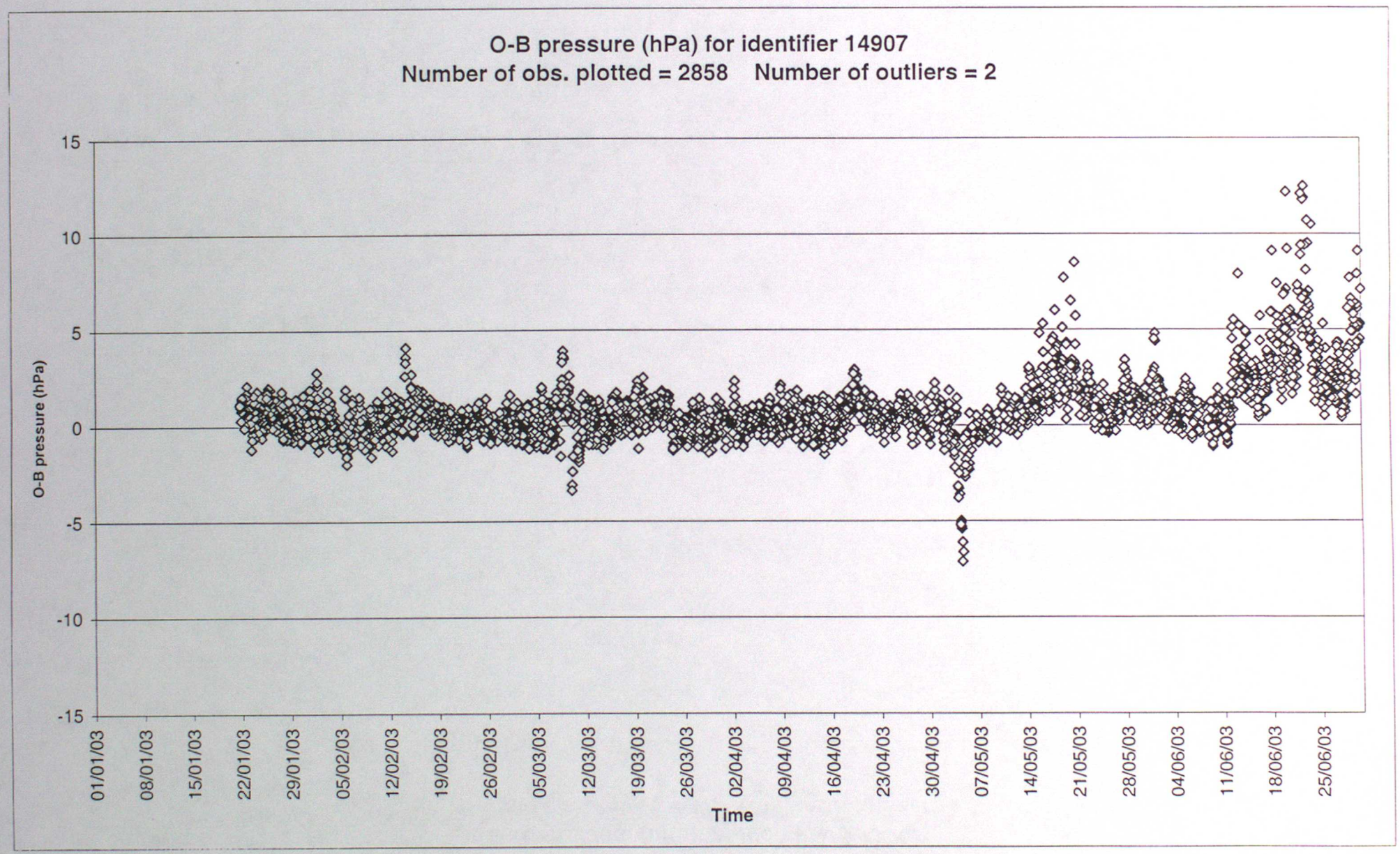
O-B pressure (hPa) for identifier WDCJ
Number of obs. plotted = 129 Number of outliers = 3
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

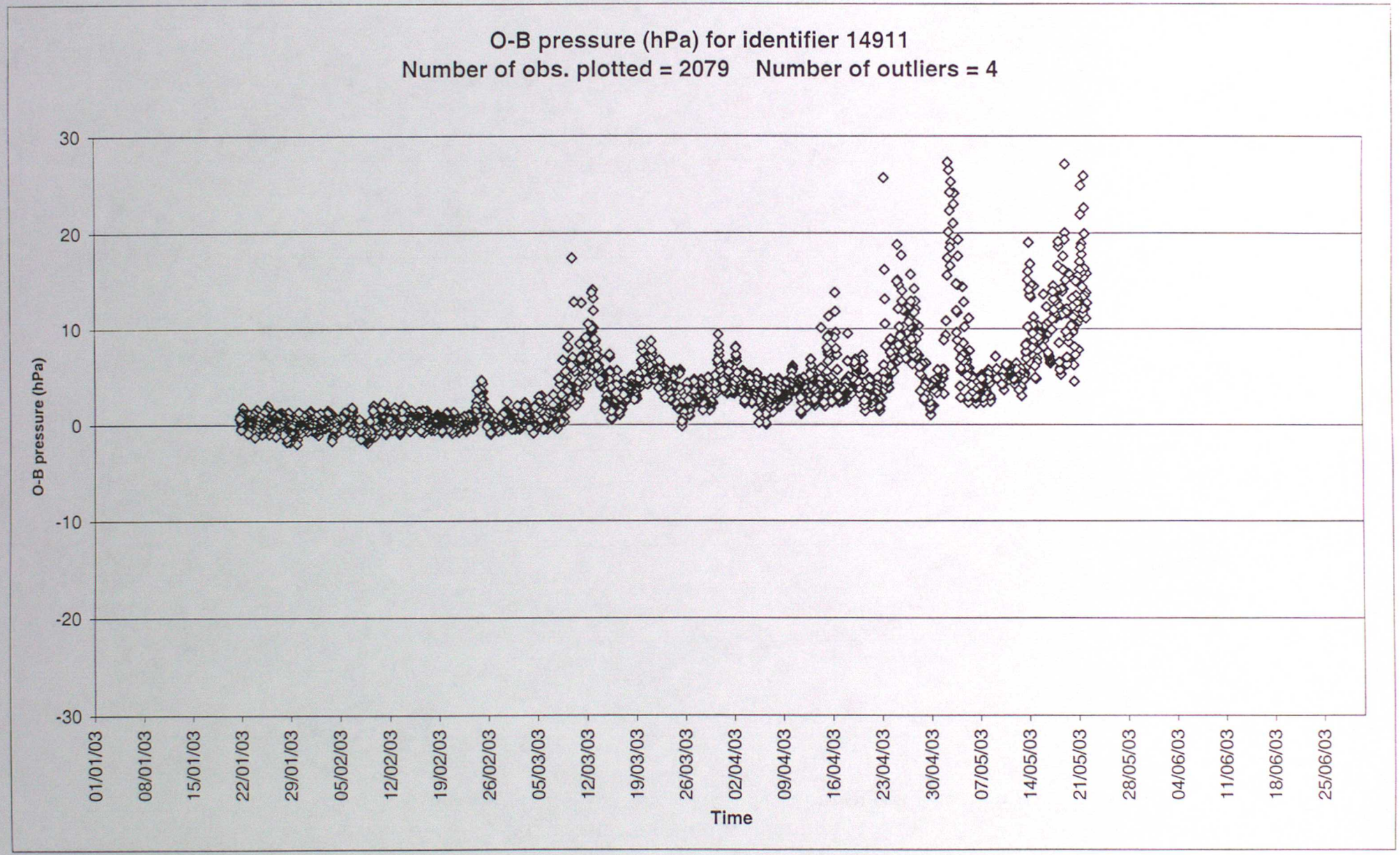

O-B pressure (hPa) for identifier WDJK
Number of obs. plotted = 92 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B pressure (hPa) for identifier WE4879
Number of obs. plotted = 48 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B pressure (hPa) for identifier XPYM
Number of obs. plotted = 250 Number of outliers = 2
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

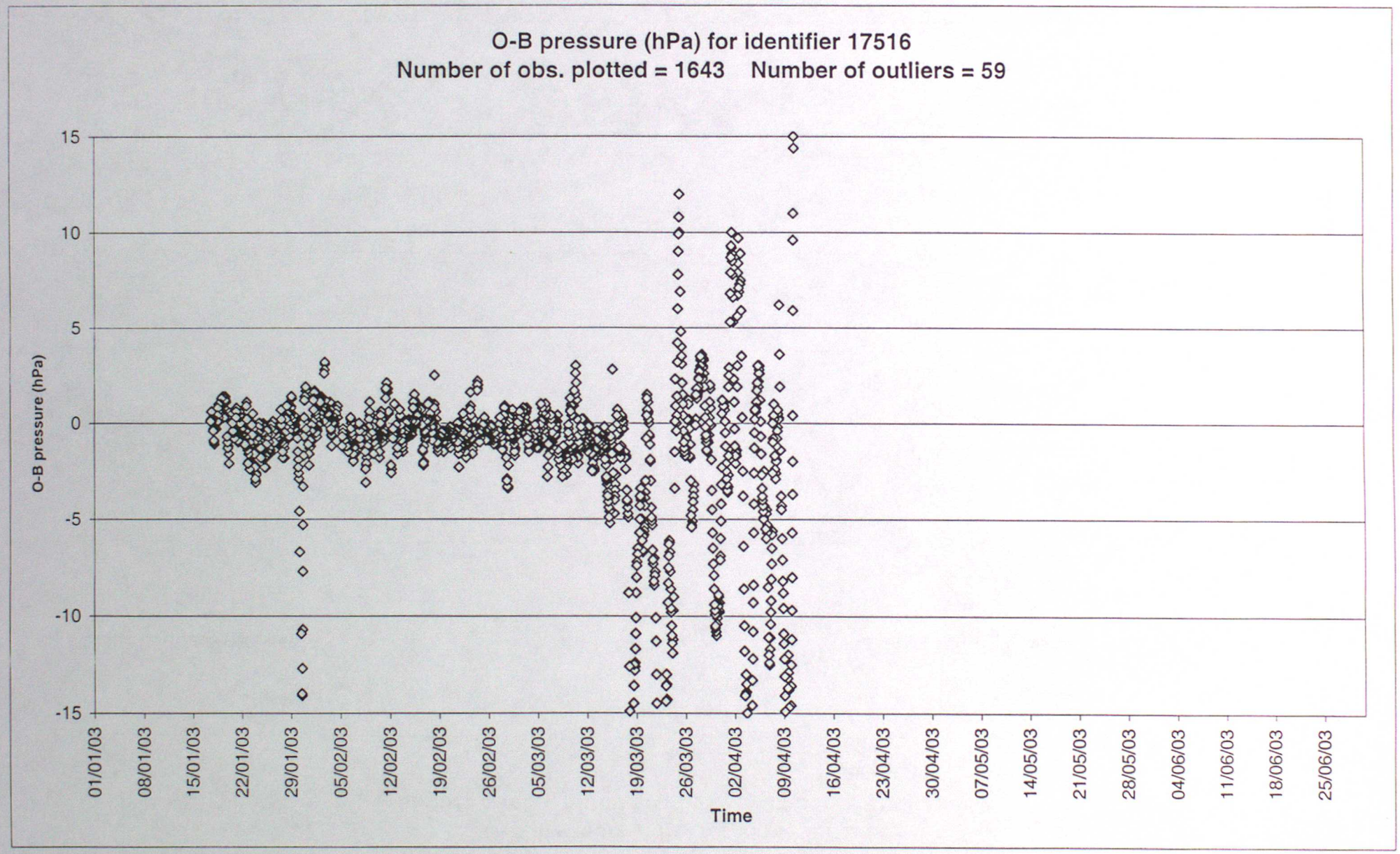
O-B pressure (hPa) for identifier XXXX
Number of obs. plotted = 47 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

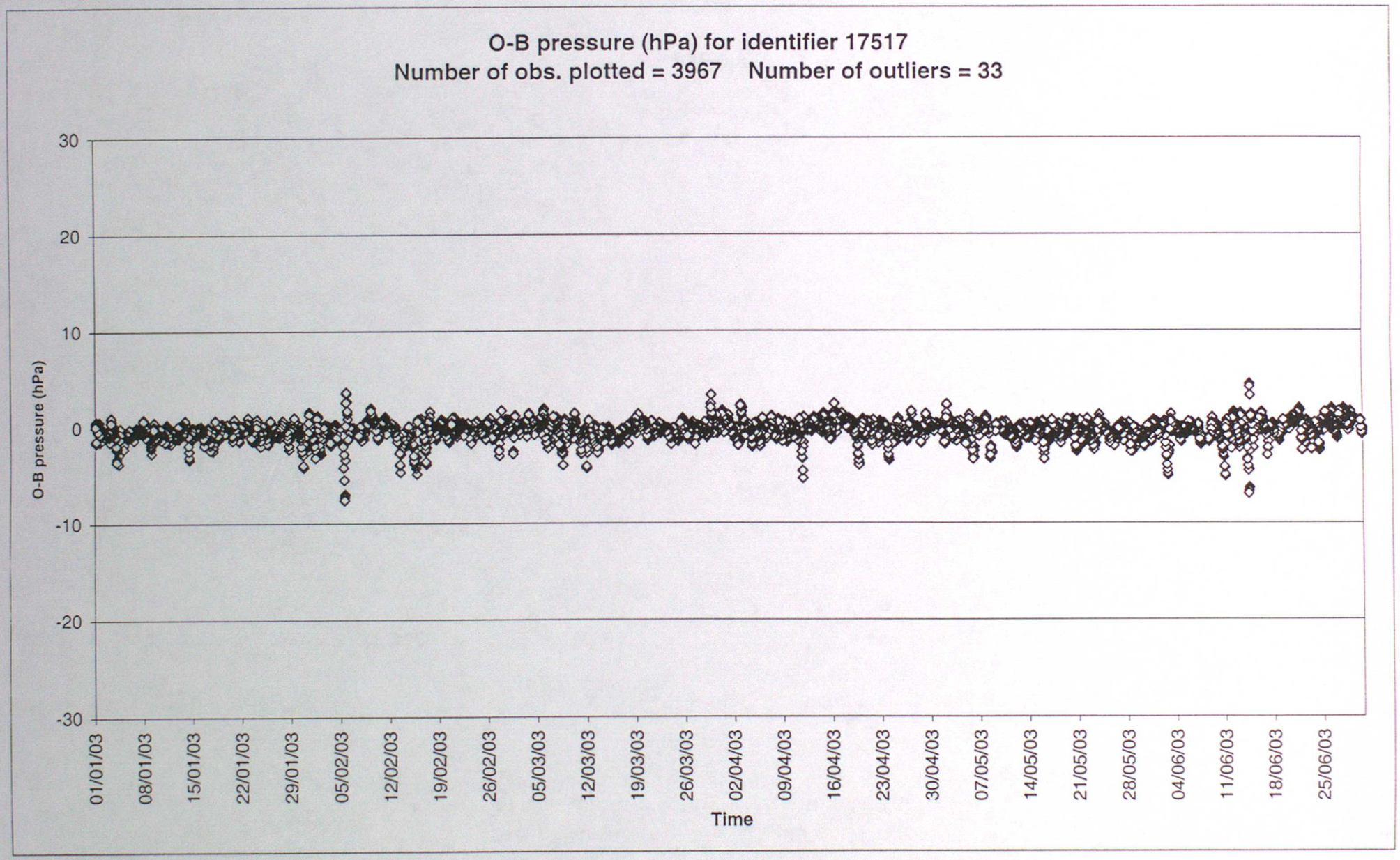

O-B pressure (hPa) for identifier 14907
Number of obs. plotted = 2858 Number of outliers = 2
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B pressure (hPa) for identifier 14911
Number of obs. plotted = 2079 Number of outliers = 4
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B pressure (hPa) for identifier 15921
Number of obs. plotted = 665 Number of outliers = 55
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

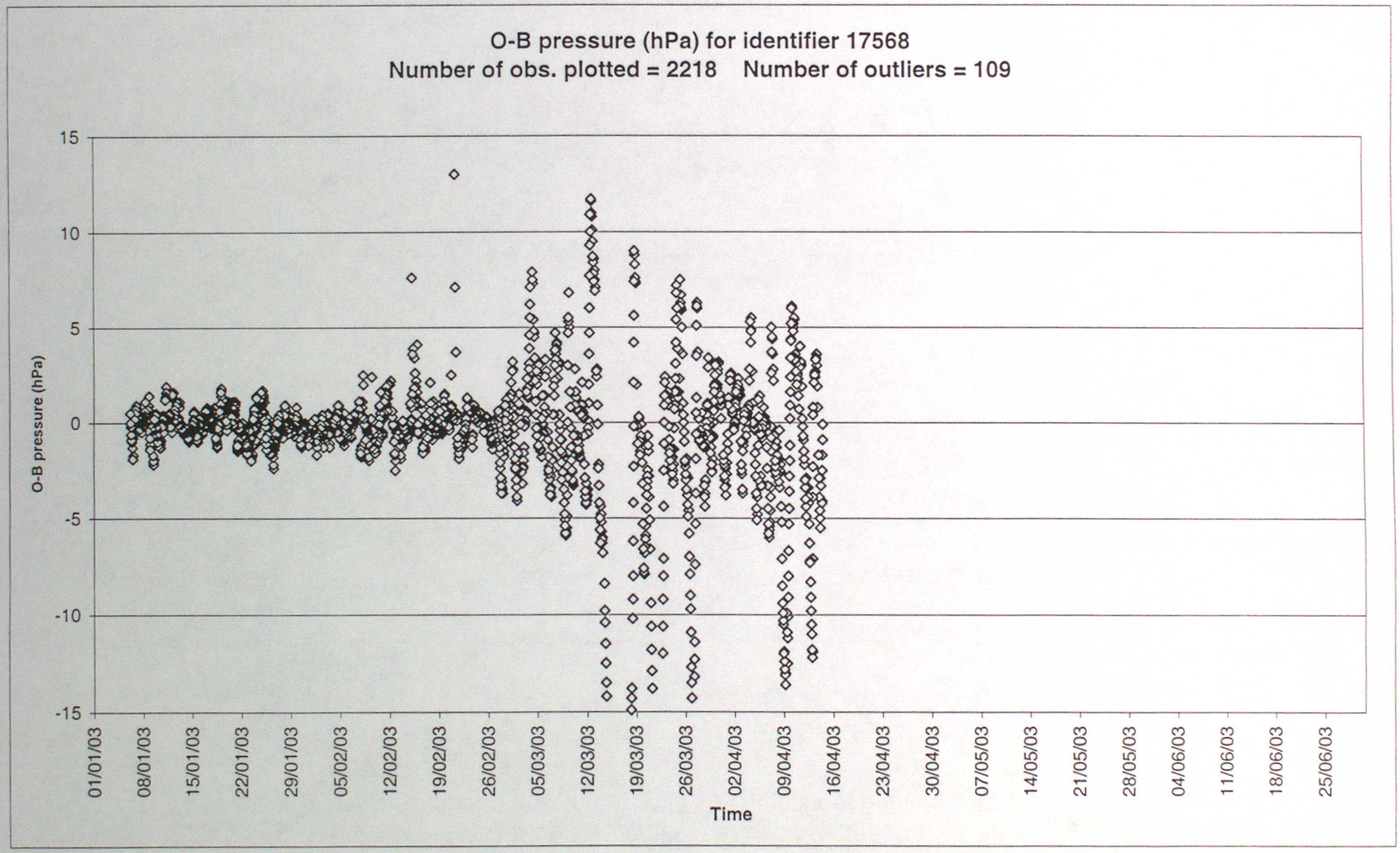
O-B pressure (hPa) for identifier 16561
Number of obs. plotted = 1069 Number of outliers = 60
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

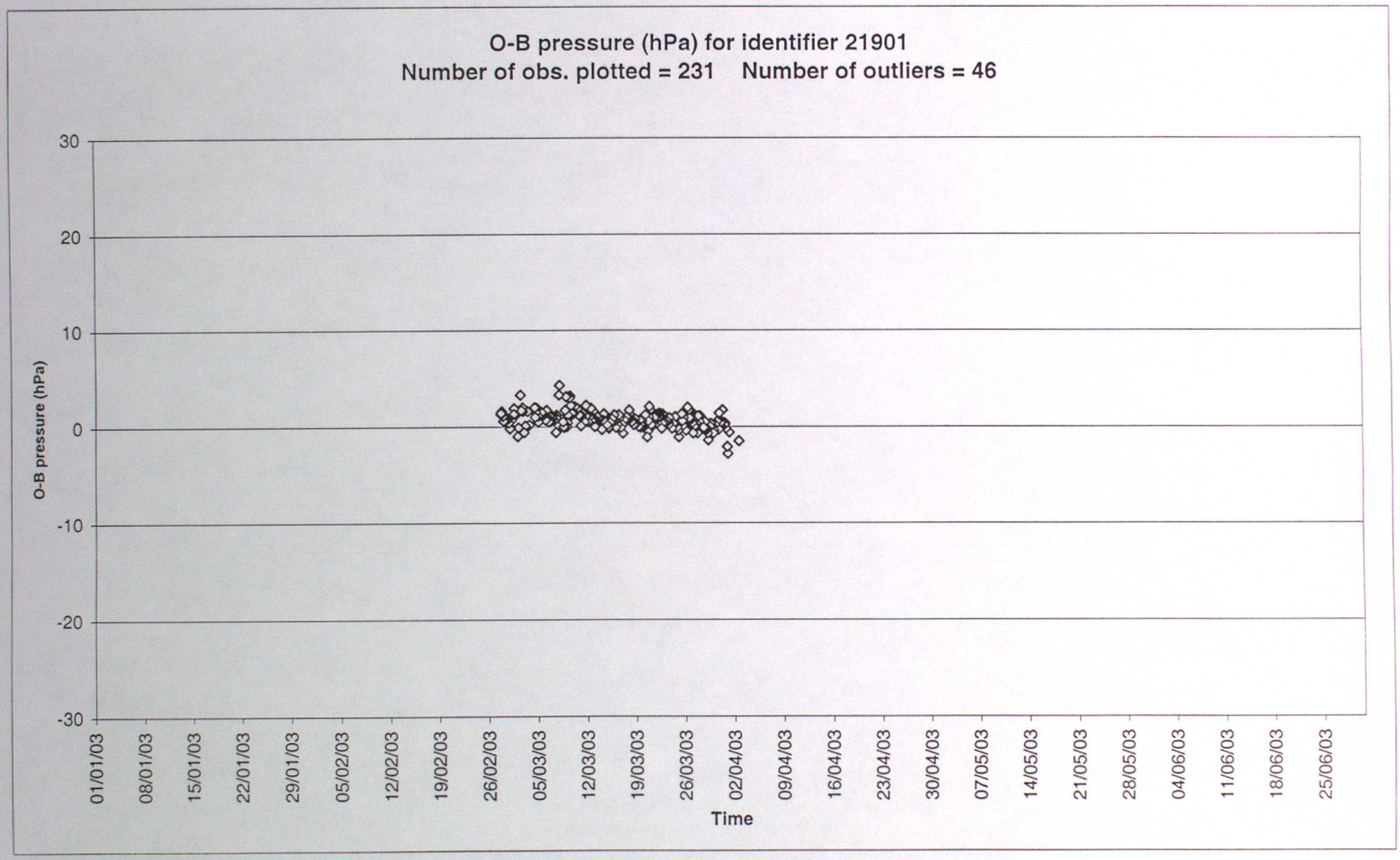

O-B pressure (hPa) for identifier 17516
Number of obs. plotted = 1643 Number of outliers = 59
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

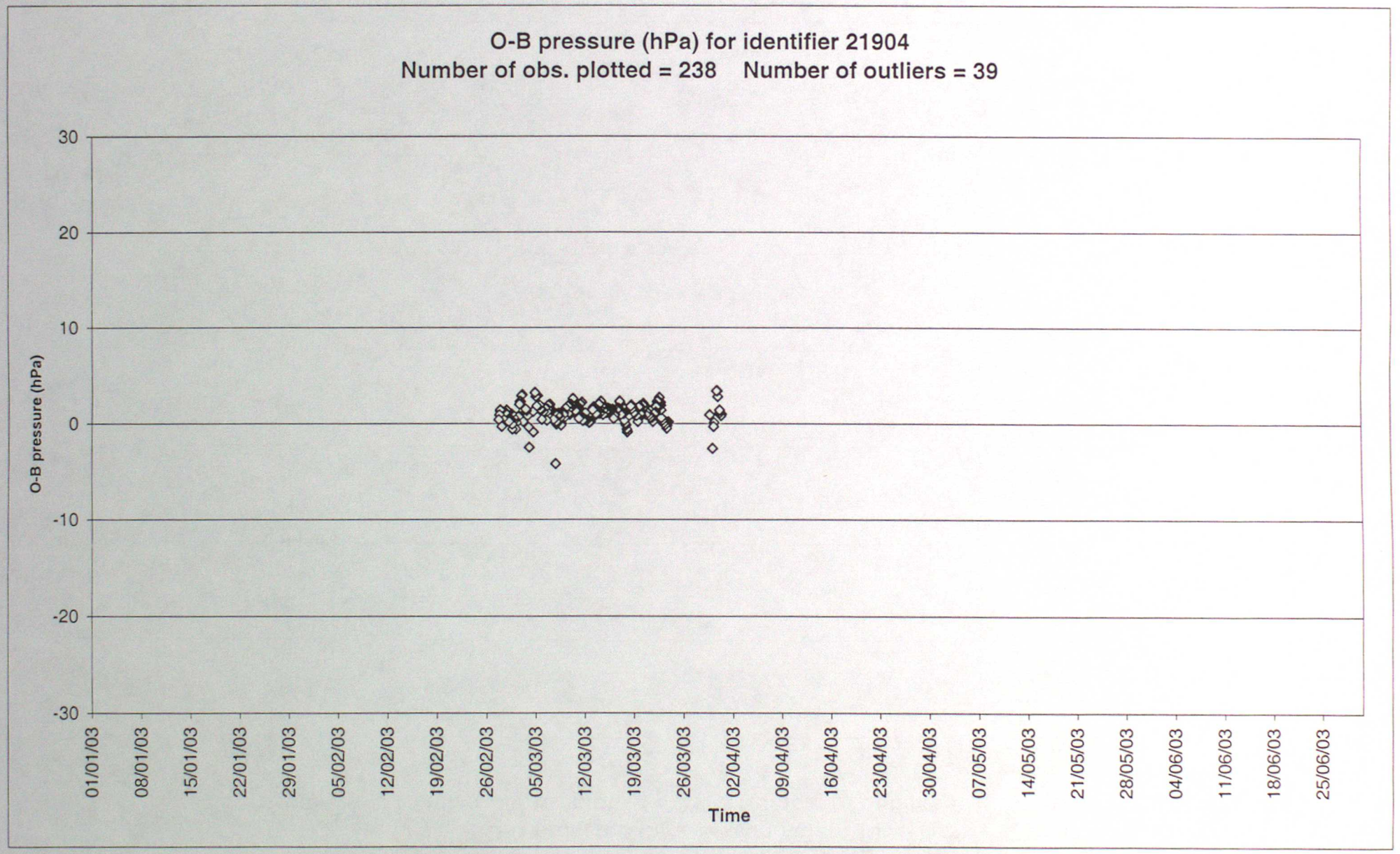

O-B pressure (hPa) for identifier 17517
Number of obs. plotted = 3967 Number of outliers = 33
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B pressure (hPa) for identifier 17518
Number of obs. plotted = 1181 Number of outliers = 2
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

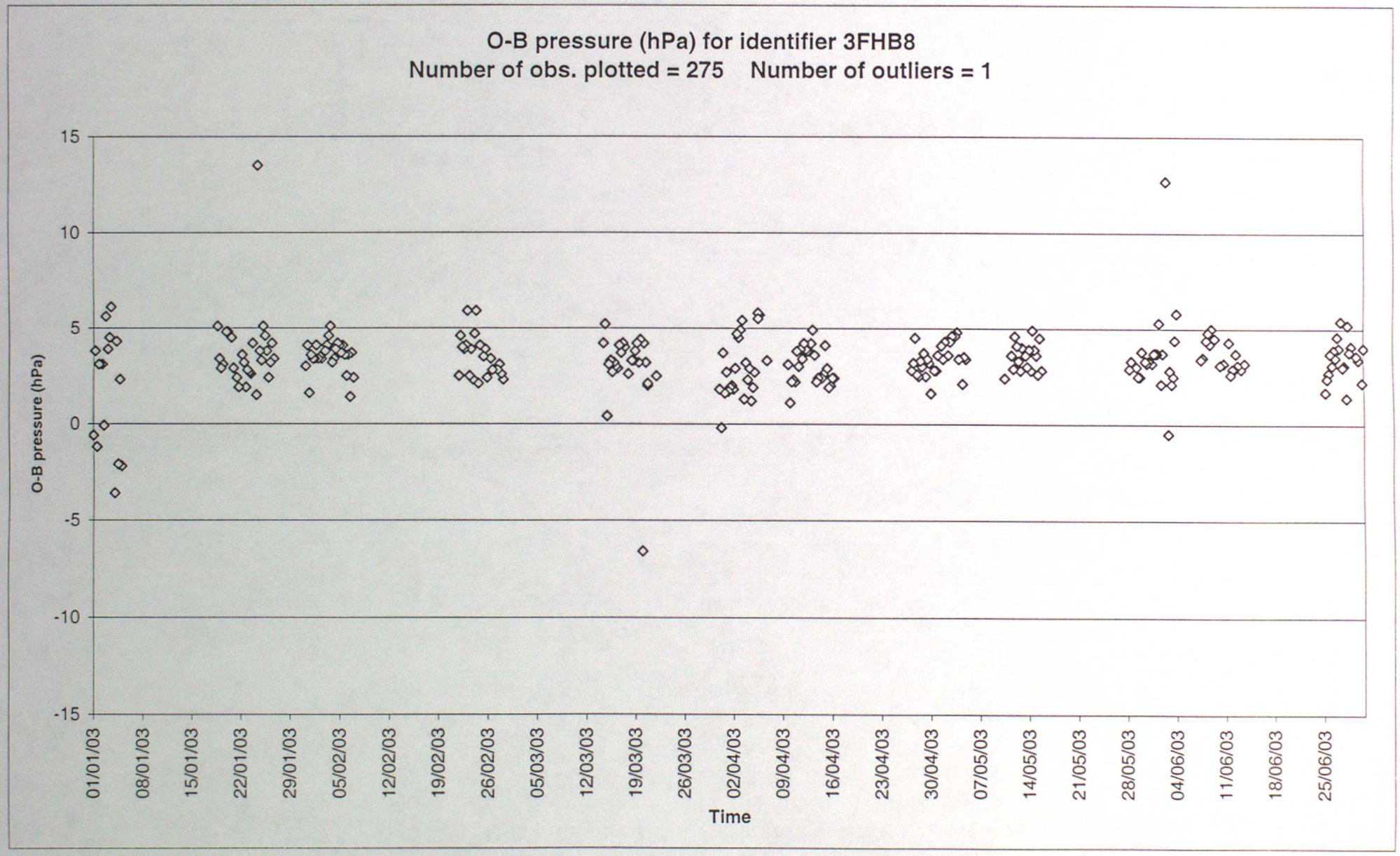
O-B pressure (hPa) for identifier 17519
Number of obs. plotted = 555 Number of outliers = 56
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier 17568
Number of obs. plotted = 2218 Number of outliers = 109
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B pressure (hPa) for identifier 21901
Number of obs. plotted = 231 Number of outliers = 46
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B pressure (hPa) for identifier 21904
Number of obs. plotted = 238 Number of outliers = 39
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

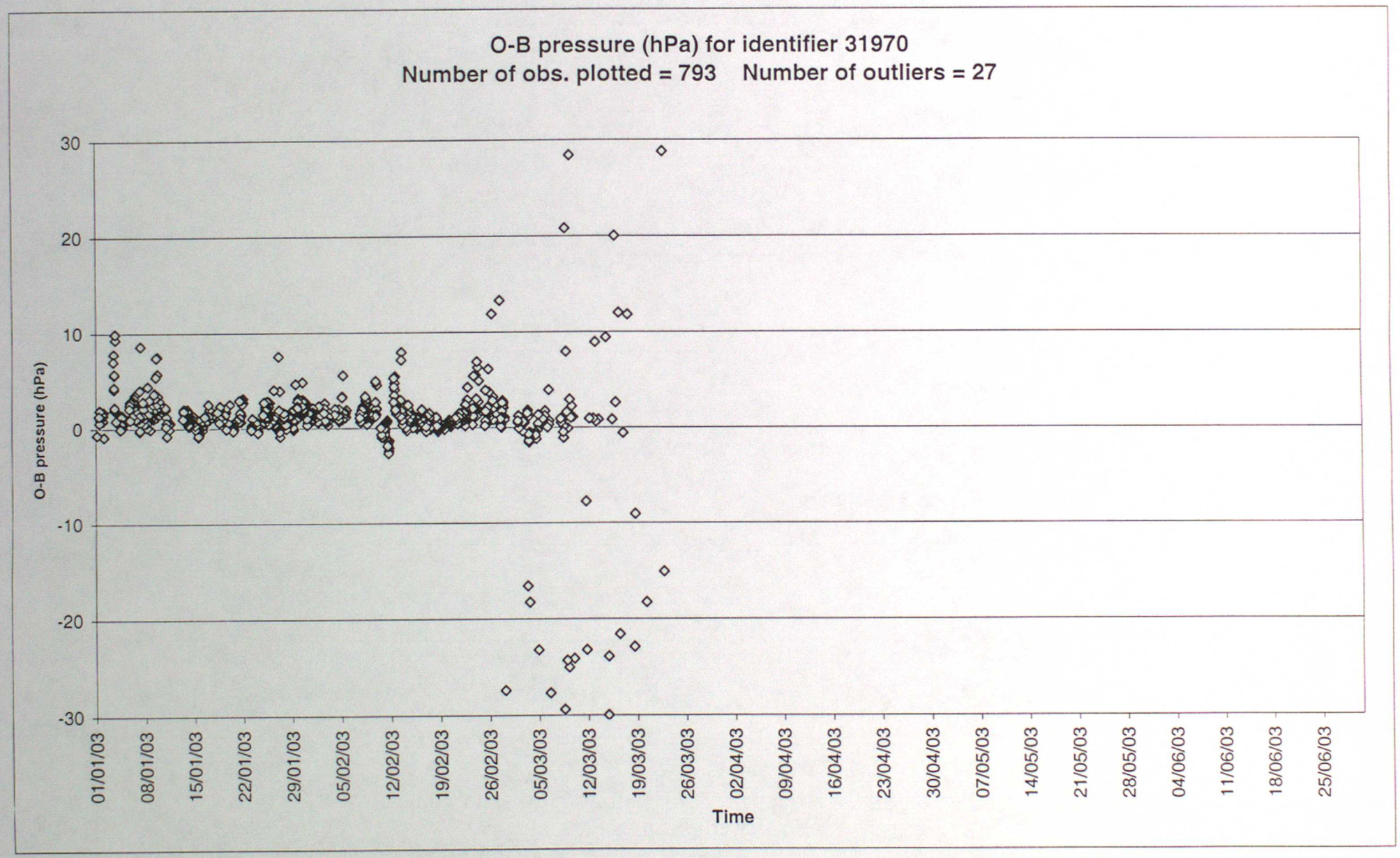
O-B pressure (hPa) for identifier 23594
Number of obs. plotted = 1111 Number of outliers = 25
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

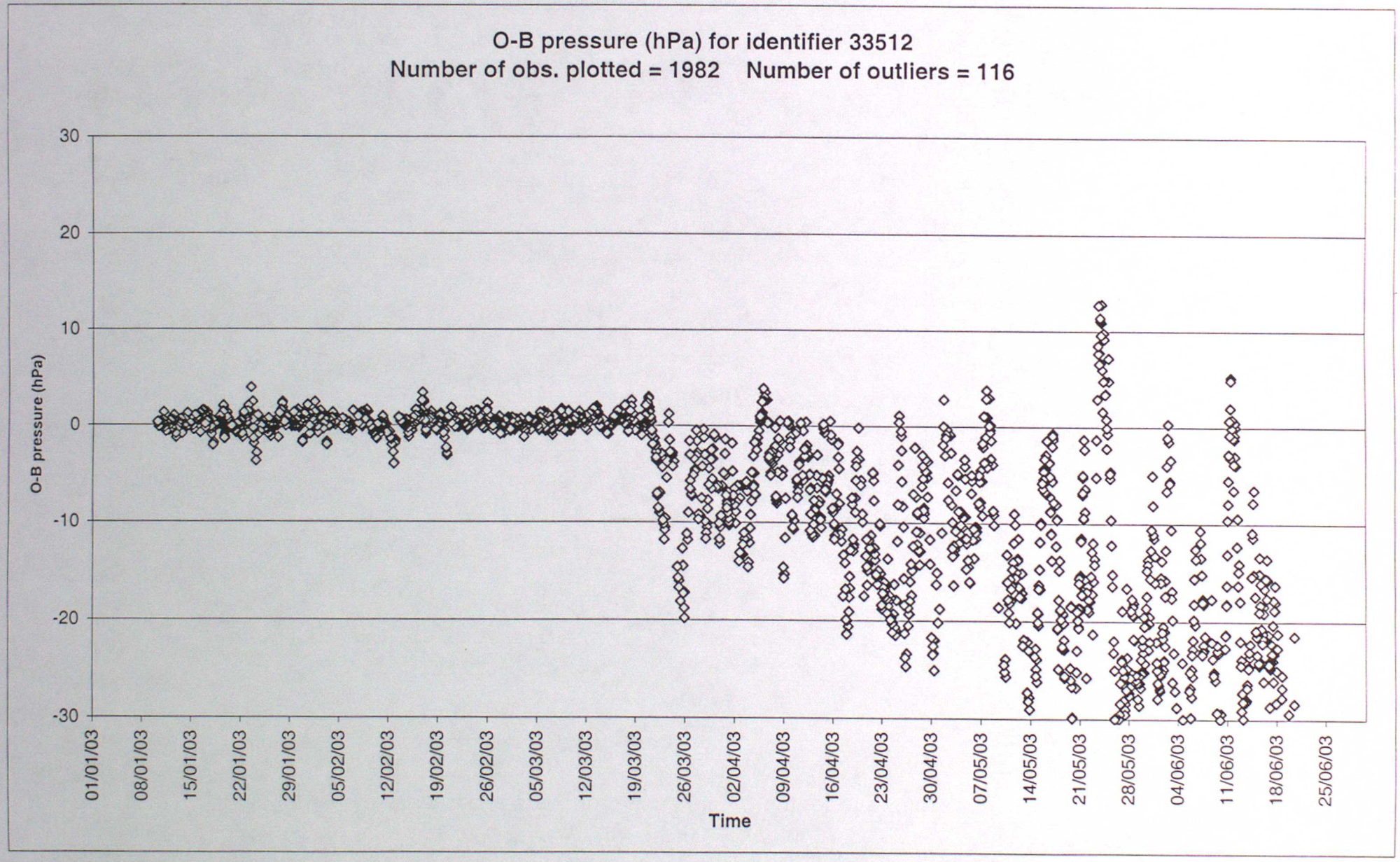

O-B pressure (hPa) for identifier 3FHB8
Number of obs. plotted = 275 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

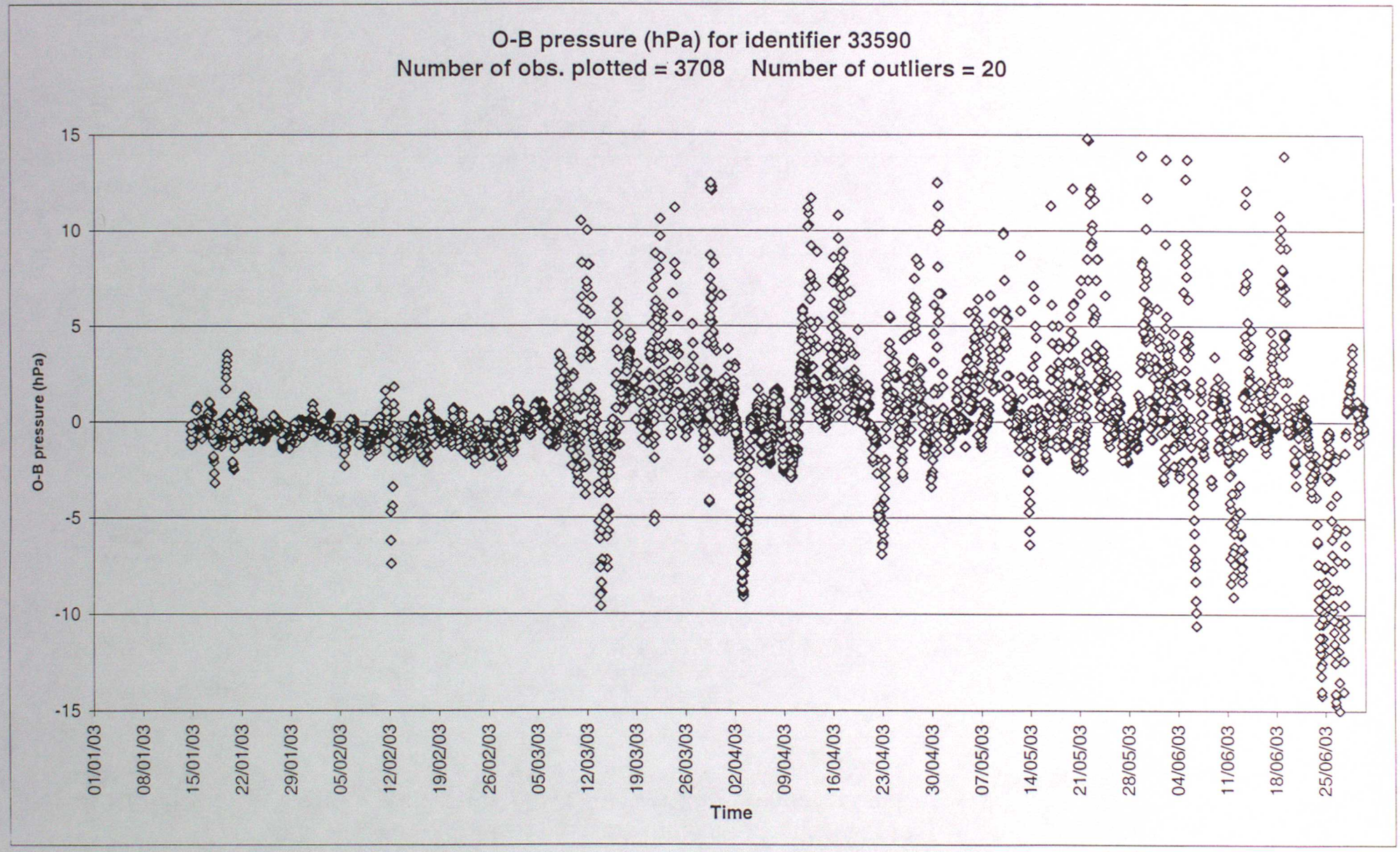
O-B pressure (hPa) for identifier 3FOC5
Number of obs. plotted = 146 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B pressure (hPa) for identifier 31057
Number of obs. plotted = 2153 Number of outliers = 382
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

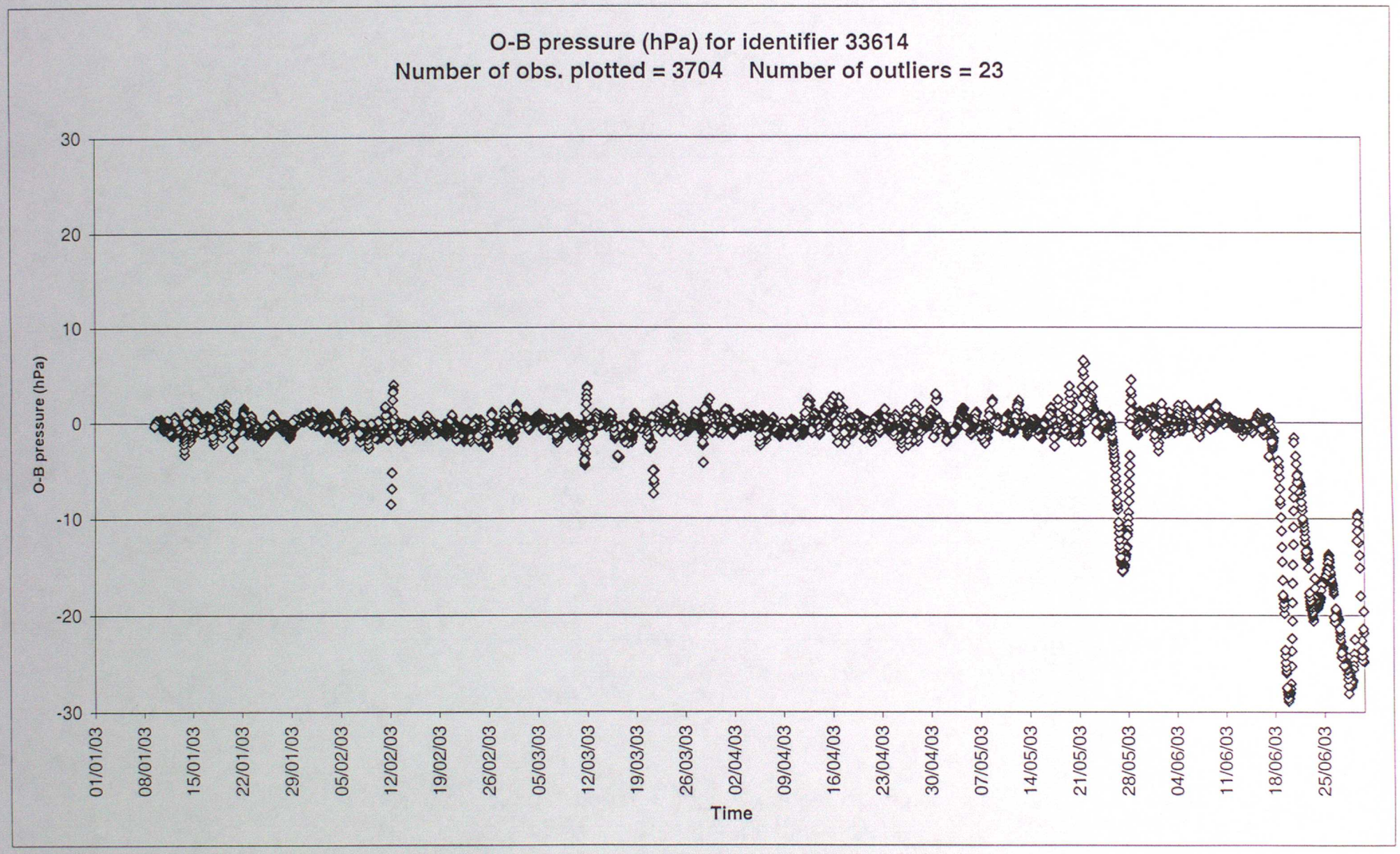
O-B pressure (hPa) for identifier 31537
Number of obs. plotted = 317 Number of outliers = 0
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier 31970
Number of obs. plotted = 793 Number of outliers = 27
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

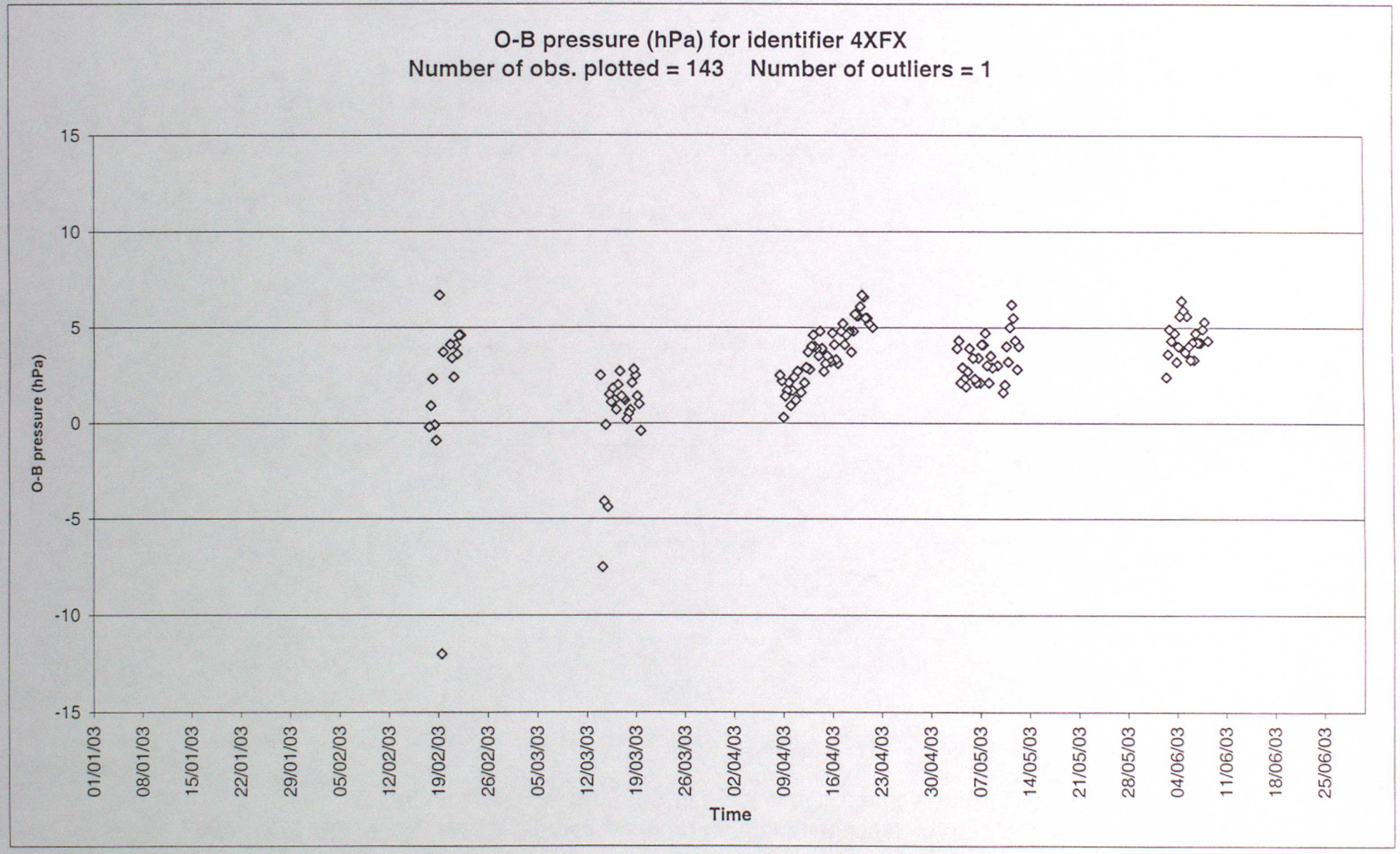

O-B pressure (hPa) for identifier 33512
Number of obs. plotted = 1982 Number of outliers = 116
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B pressure (hPa) for identifier 33590
Number of obs. plotted = 3708 Number of outliers = 20
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B pressure (hPa) for identifier 33613
Number of obs. plotted = 3555 Number of outliers = 3
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier 33614
Number of obs. plotted = 3704 Number of outliers = 23
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

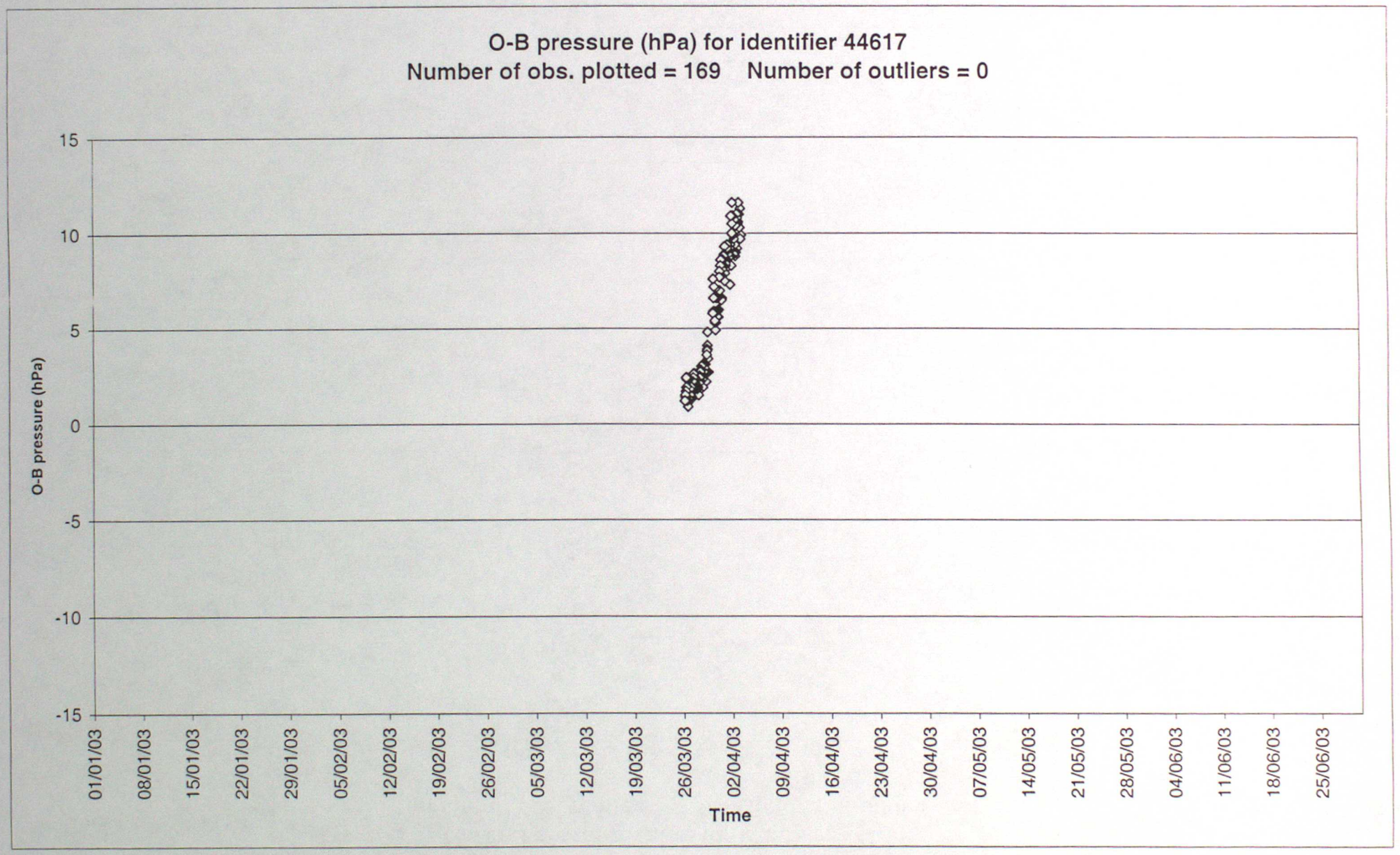
O-B pressure (hPa) for identifier 33651
Number of obs. plotted = 828 Number of outliers = 24
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier 4XFX
Number of obs. plotted = 143 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B pressure (hPa) for identifier 41649
Number of obs. plotted = 3069 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B pressure (hPa) for identifier 42044
Number of obs. plotted = 95 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

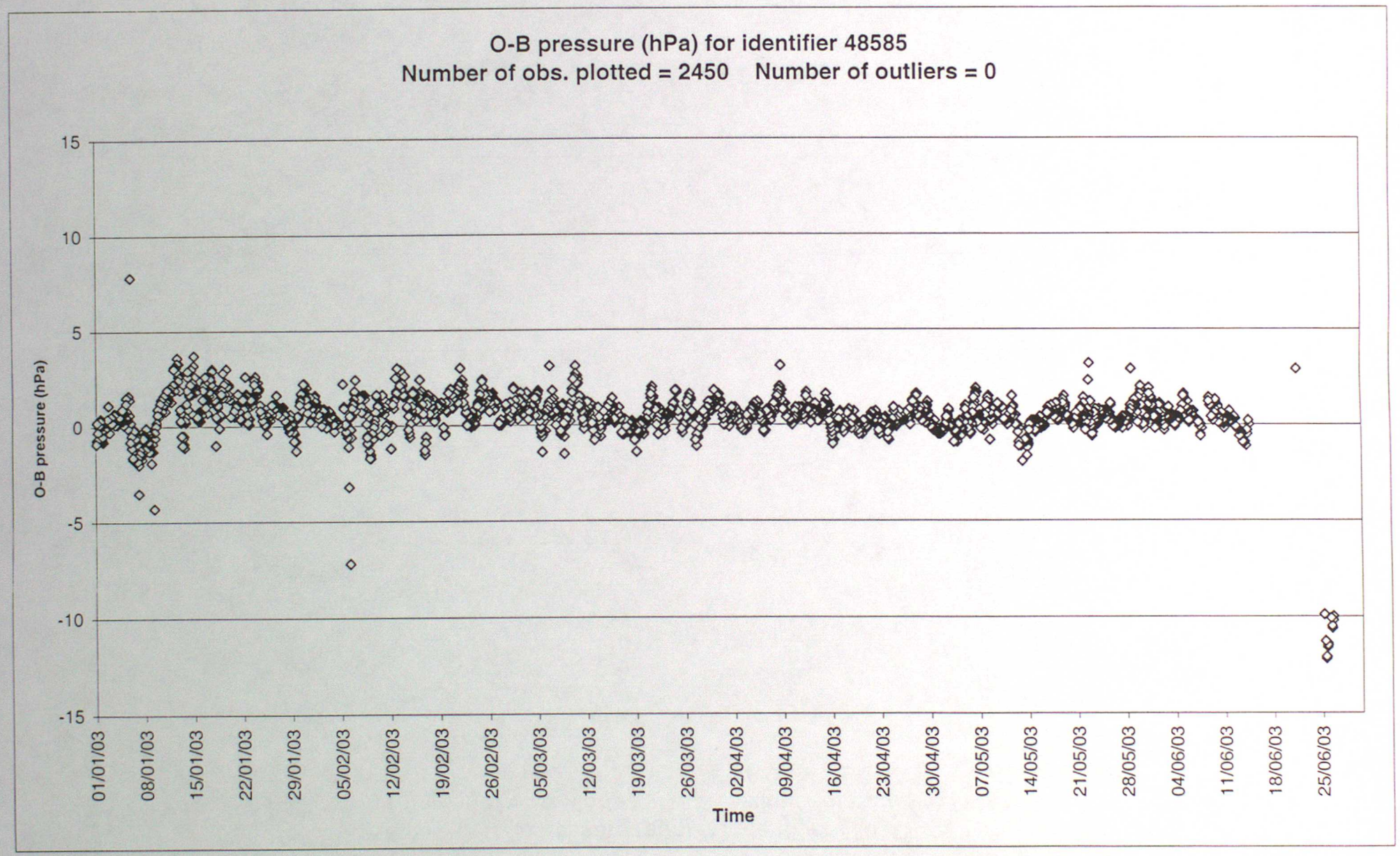
O-B pressure (hPa) for identifier 44604
Number of obs. plotted = 427 Number of outliers = 18
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier 44617
Number of obs. plotted = 169 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

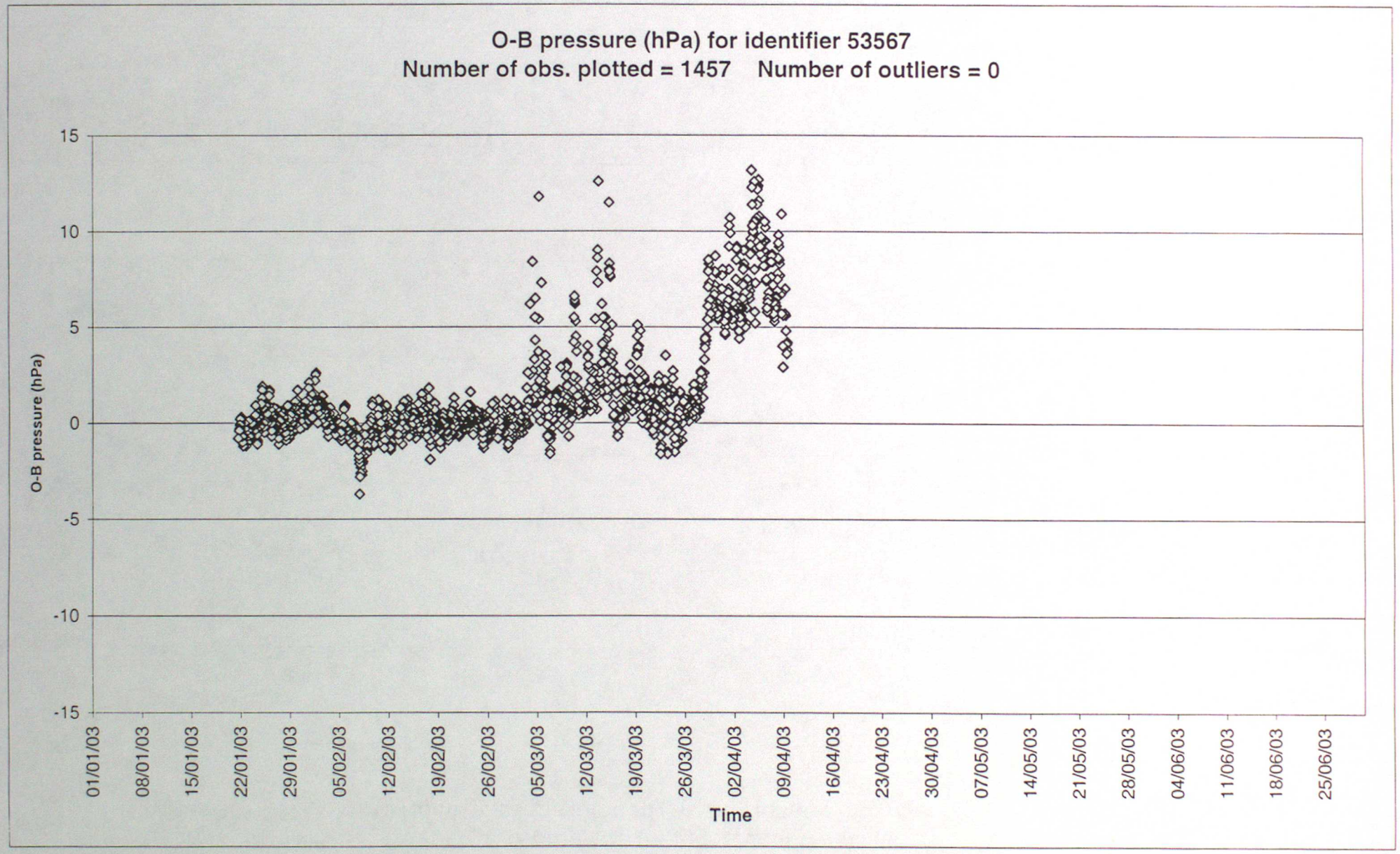
O-B pressure (hPa) for identifier 44769
Number of obs. plotted = 3068 Number of outliers = 15
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B pressure (hPa) for identifier 46641
Number of obs. plotted = 2001 Number of outliers = 5
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

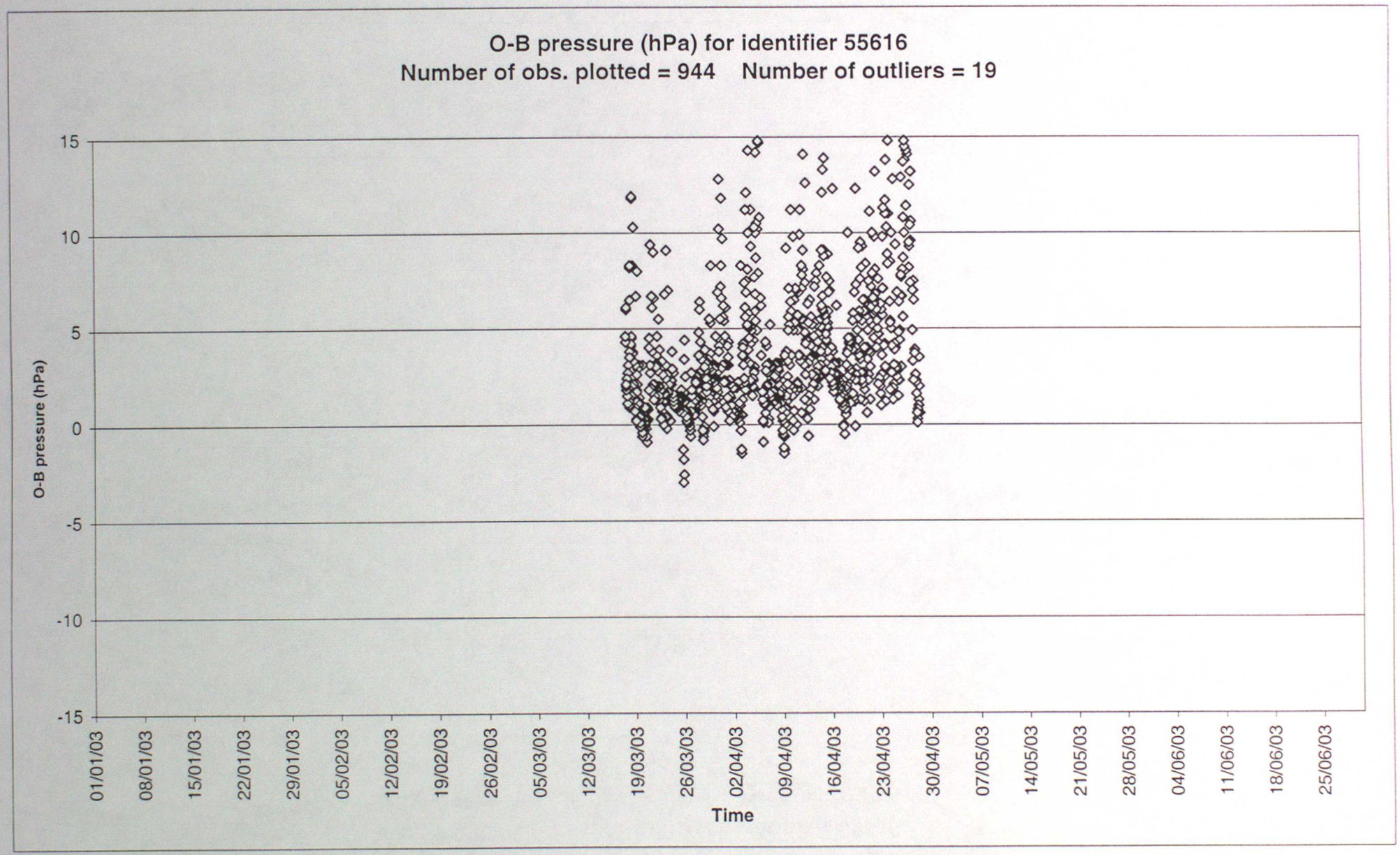
O-B pressure (hPa) for identifier 48092
Number of obs. plotted = 104 Number of outliers = 209
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier 48585
Number of obs. plotted = 2450 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

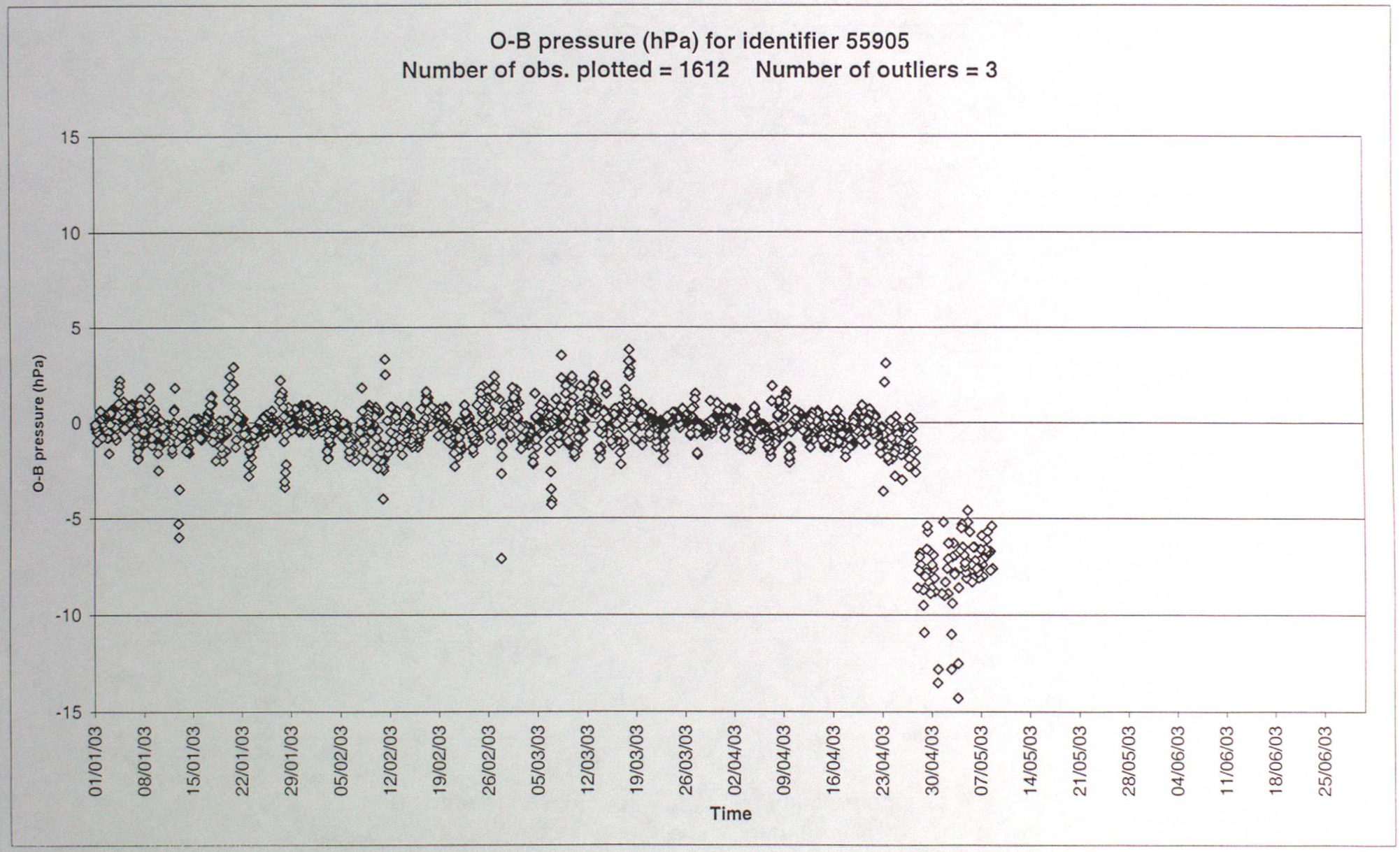
O-B pressure (hPa) for identifier 48587
Number of obs. plotted = 416 Number of outliers = 0
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier 53567
Number of obs. plotted = 1457 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B pressure (hPa) for identifier 55612
Number of obs. plotted = 2941 Number of outliers = 13
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier 55616
Number of obs. plotted = 944 Number of outliers = 19
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B pressure (hPa) for identifier 55630
Number of obs. plotted = 1385 Number of outliers = 46
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier 55905
Number of obs. plotted = 1612 Number of outliers = 3
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B pressure (hPa) for identifier 55916
Number of obs. plotted = 2362 Number of outliers = 16
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
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28/05/03
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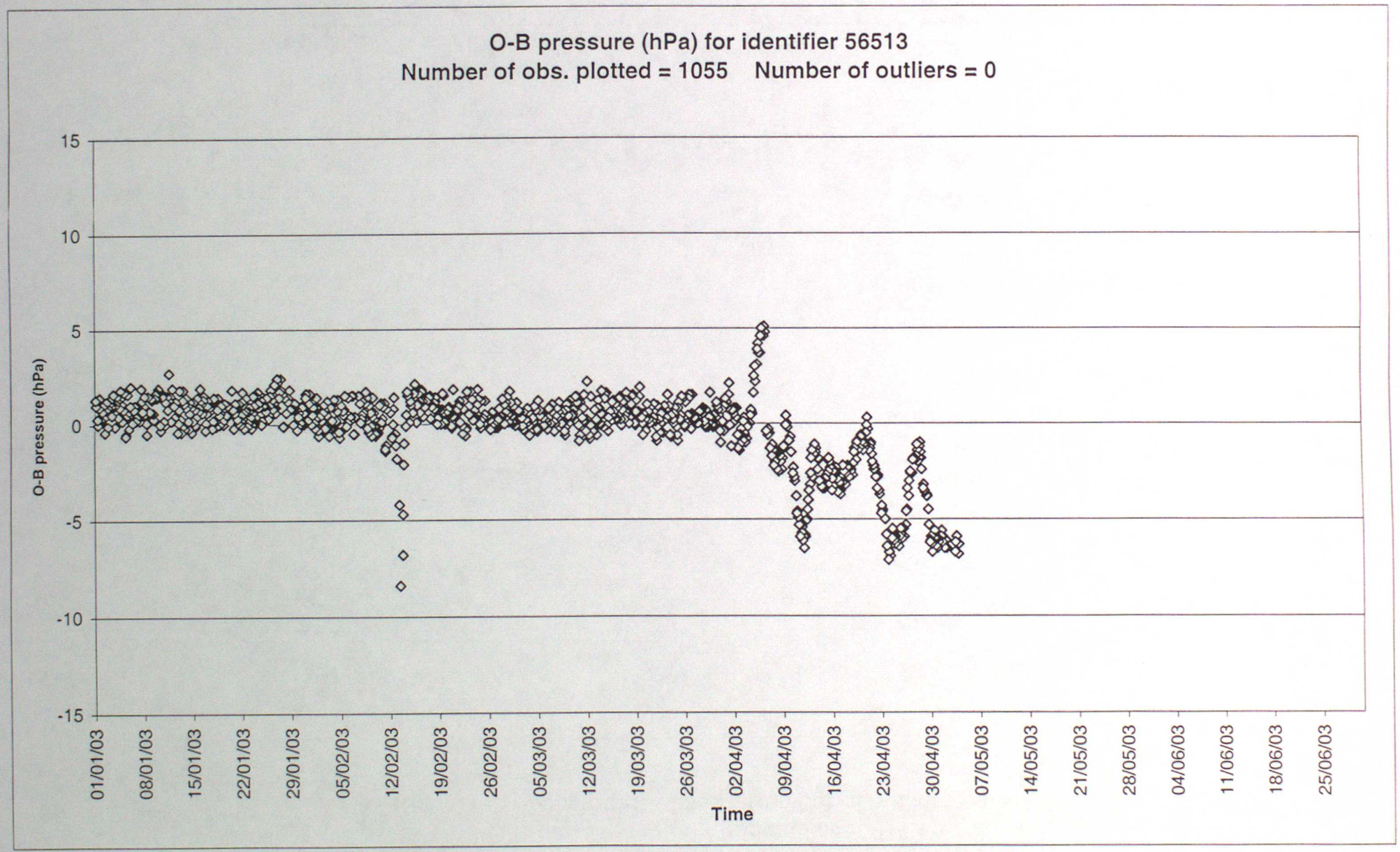
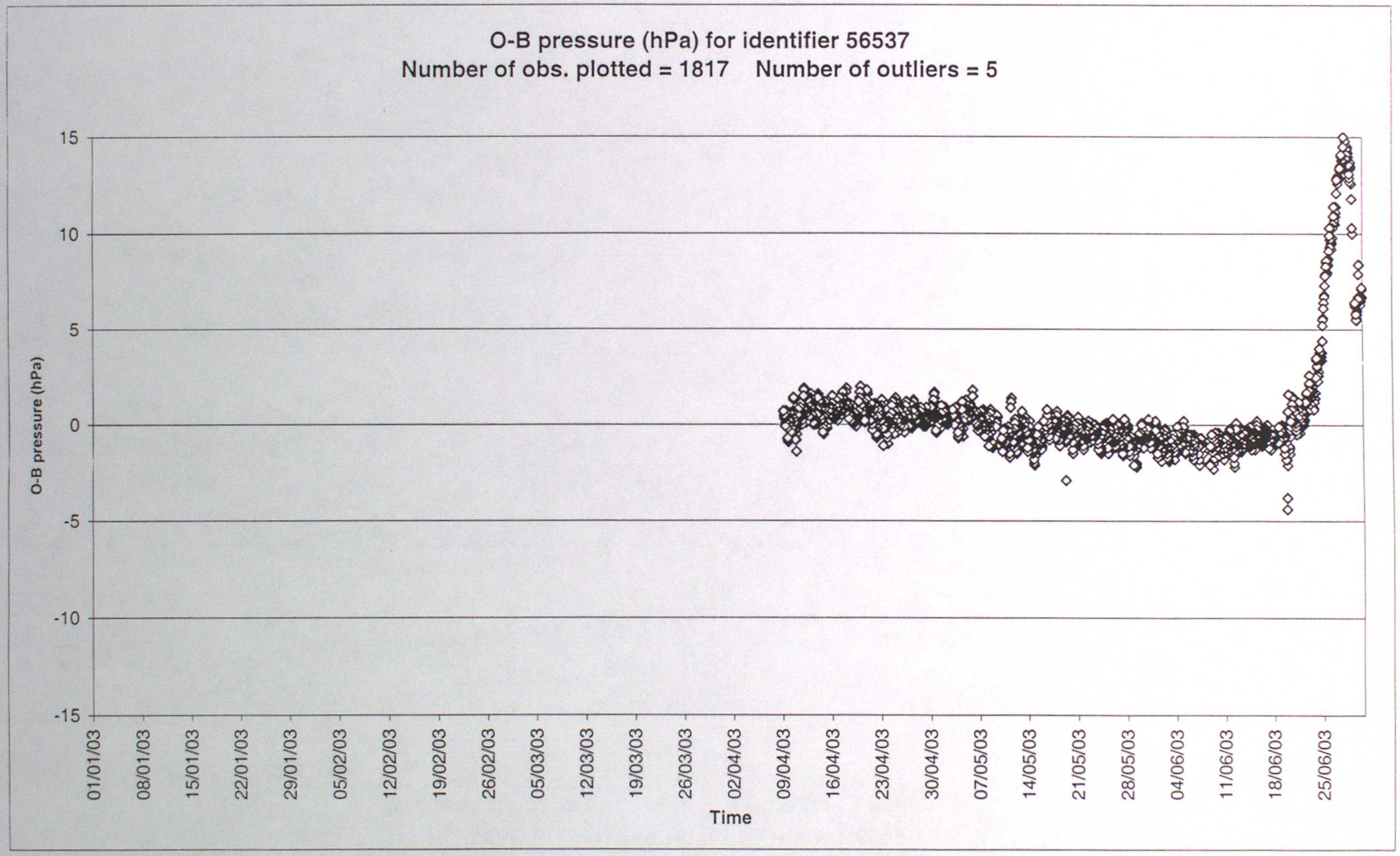
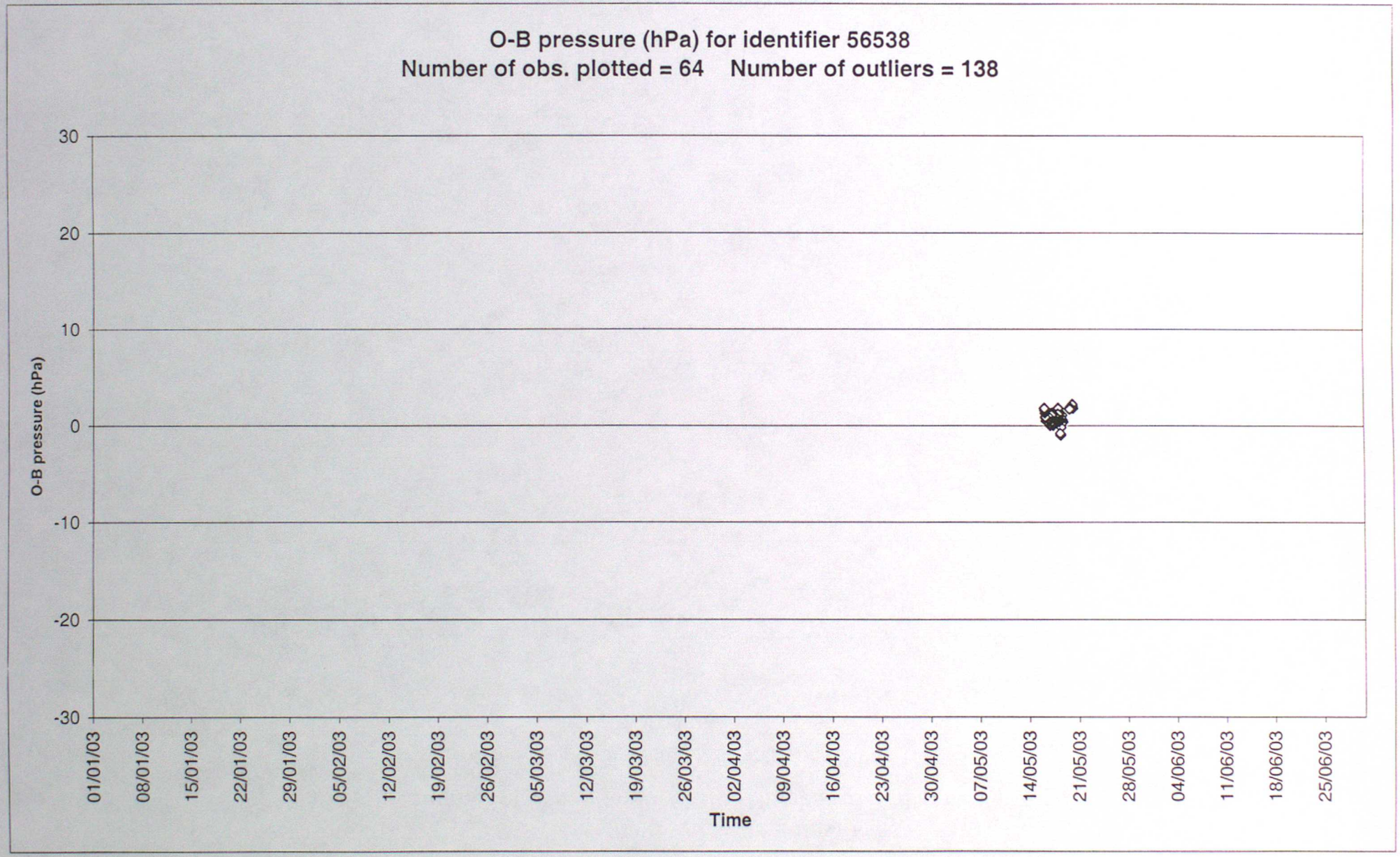
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier 56513
Number of obs. plotted = 1055 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B pressure (hPa) for identifier 56529
Number of obs. plotted = 2812 Number of outliers = 20
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier 56537
Number of obs. plotted = 1817 Number of outliers = 5
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

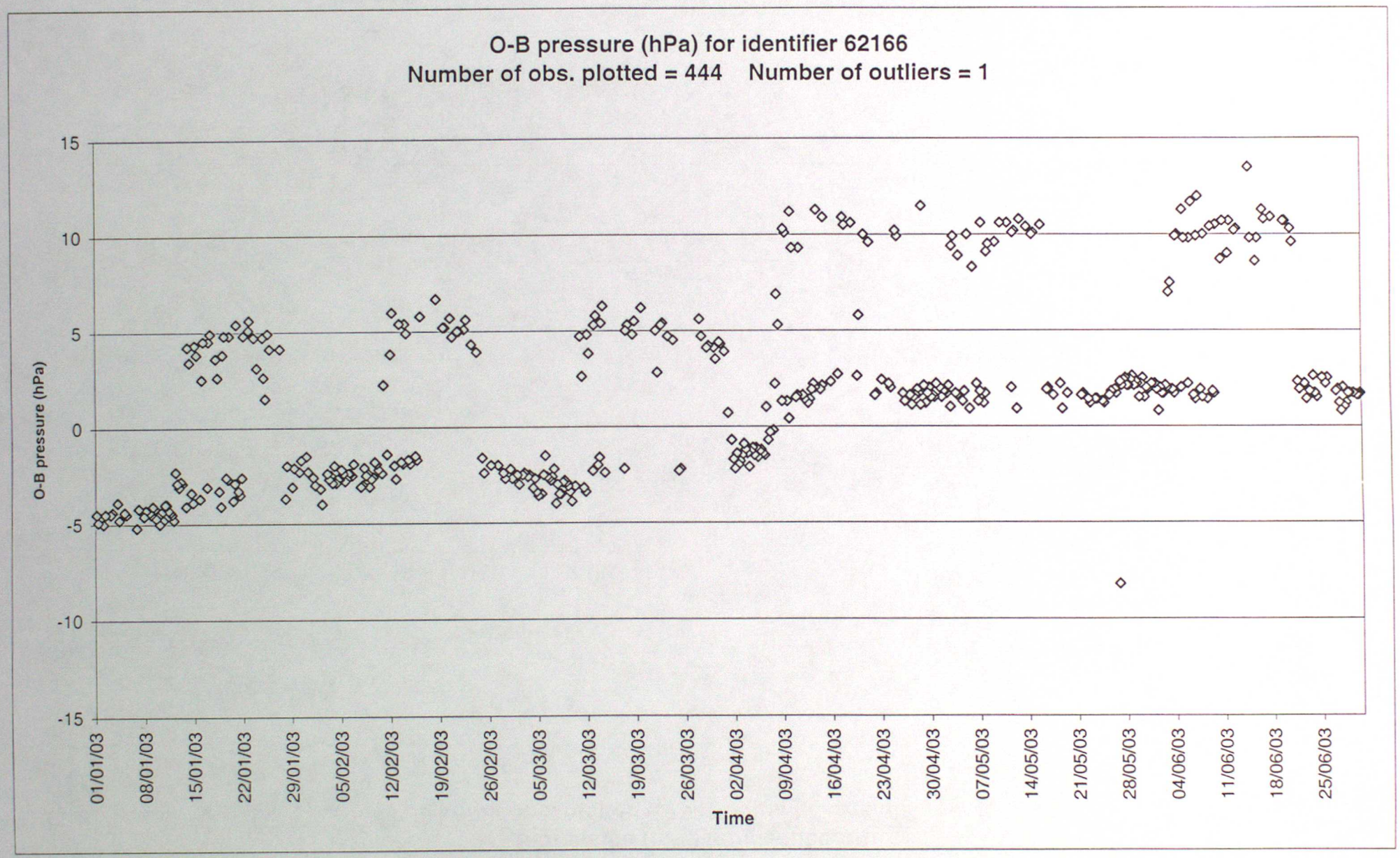

O-B pressure (hPa) for identifier 56538
Number of obs. plotted = 64 Number of outliers = 138
30
20
10
0
-10
-20
-30
O-B pressure (hPa)
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

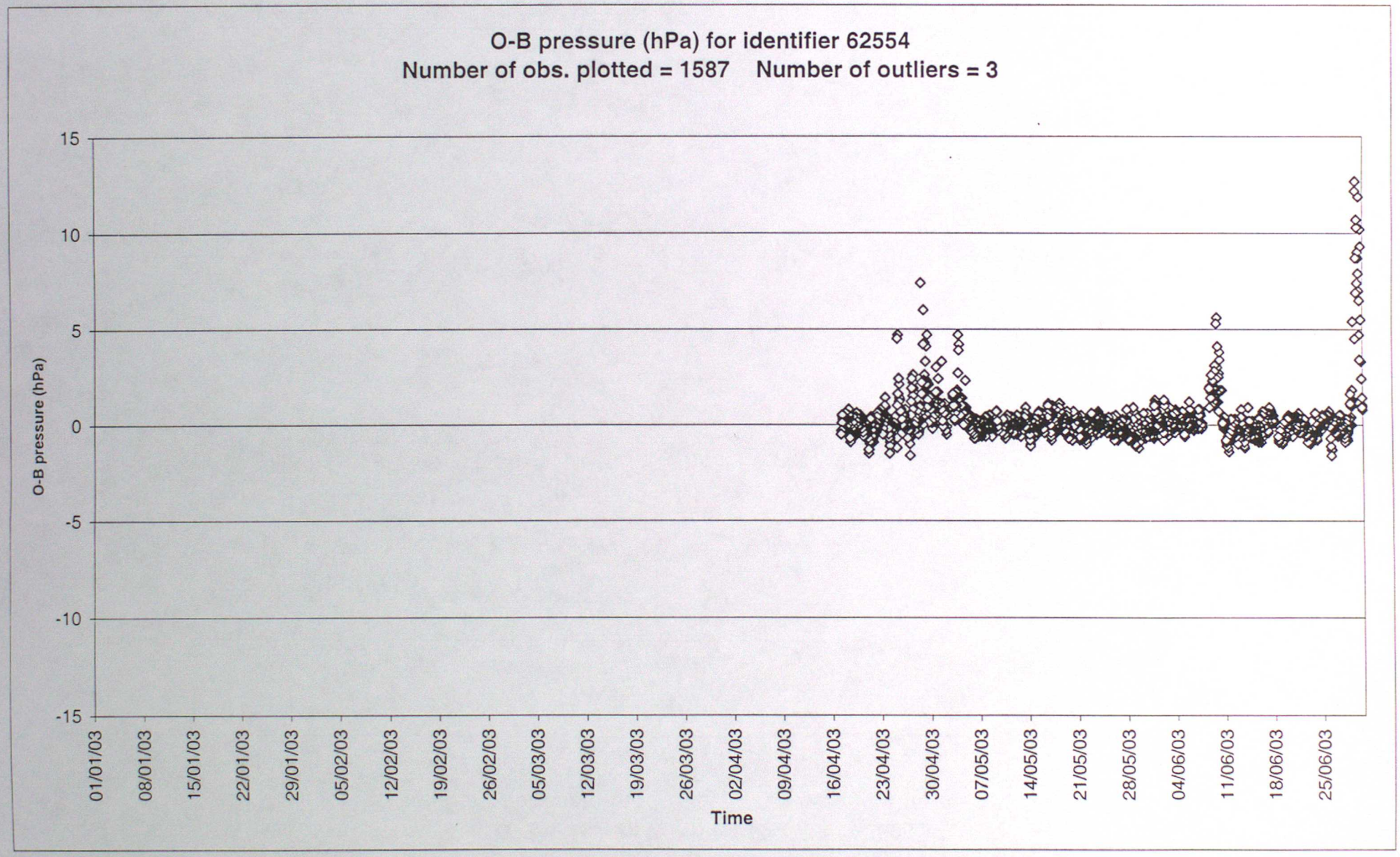
O-B pressure (hPa) for identifier 61532
Number of obs. plotted = 310 Number of outliers = 39
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B pressure (hPa) for identifier 61670
Number of obs. plotted = 907 Number of outliers = 206
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B pressure (hPa) for identifier 61673
Number of obs. plotted = 783 Number of outliers = 220
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

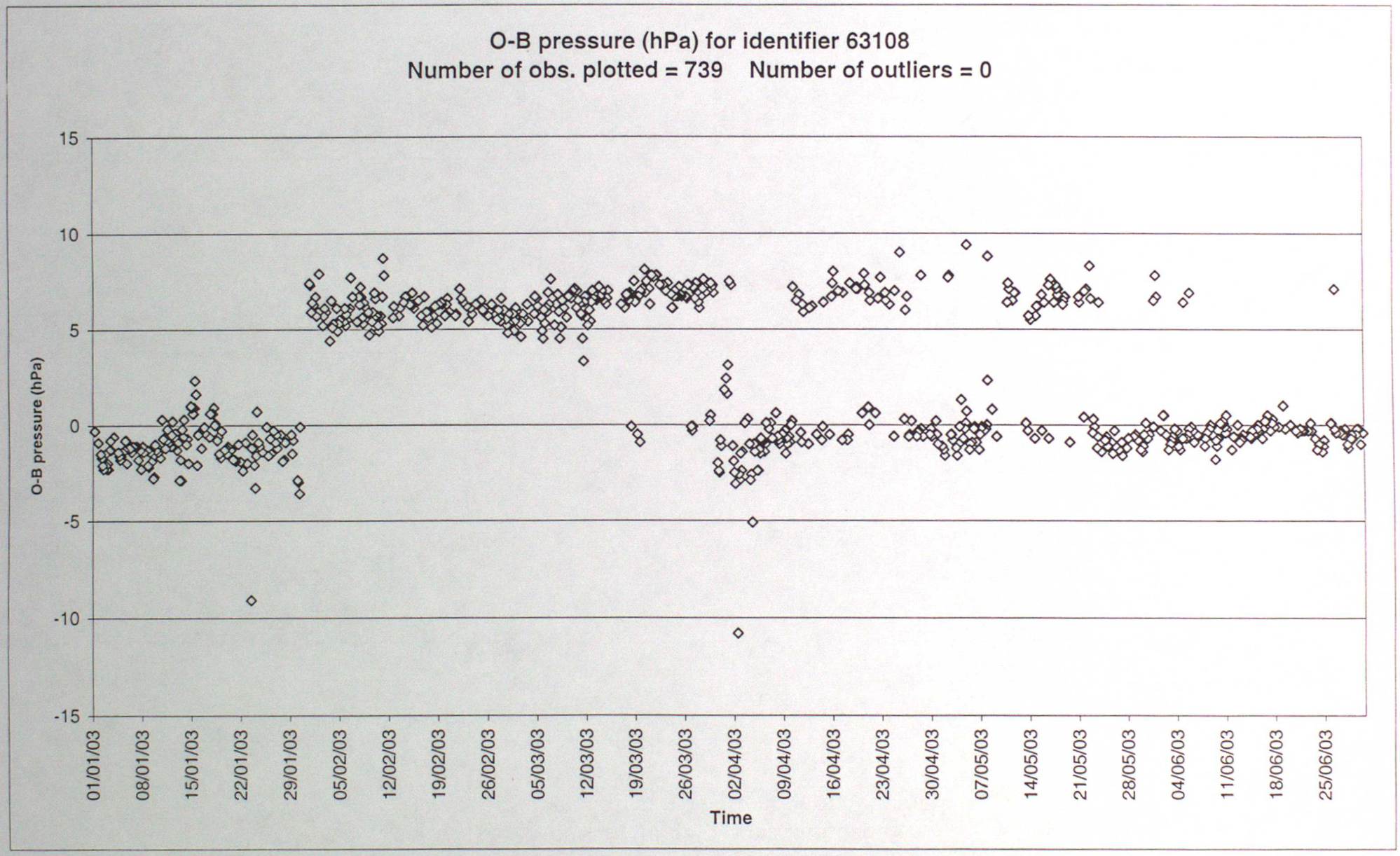
O-B pressure (hPa) for identifier 61679
Number of obs. plotted = 1321 Number of outliers = 152
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier 62166
Number of obs. plotted = 444 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B pressure (hPa) for identifier 62554
Number of obs. plotted = 1587 Number of outliers = 3
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B pressure (hPa) for identifier 62696
Number of obs. plotted = 3811 Number of outliers = 156
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

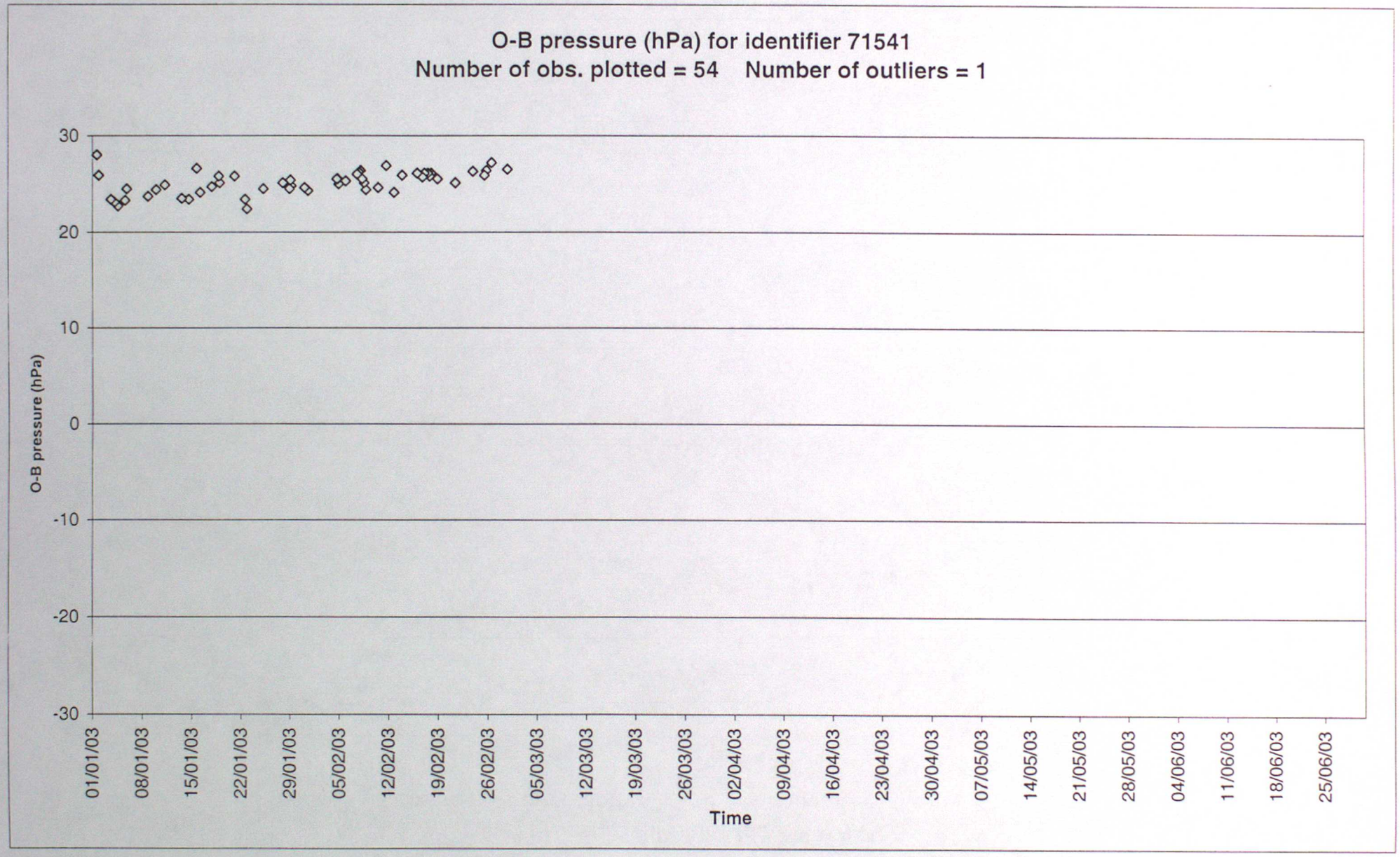
O-B pressure (hPa) for identifier 62805
Number of obs. plotted = 0 Number of outliers = 42
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B pressure (hPa) for identifier 63108
Number of obs. plotted = 739 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

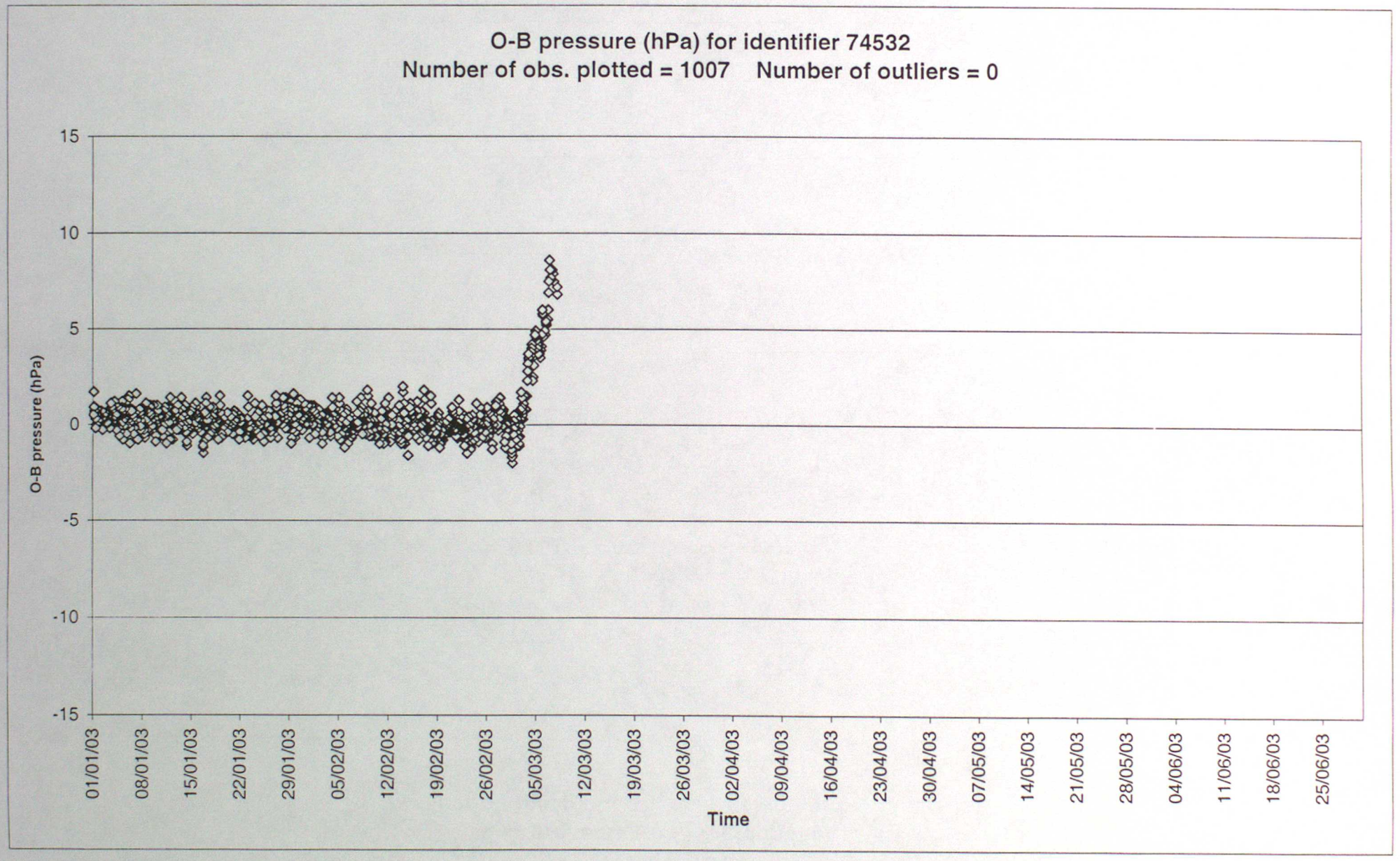
O-B pressure (hPa) for identifier 64522
Number of obs. plotted = 915 Number of outliers = 43
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

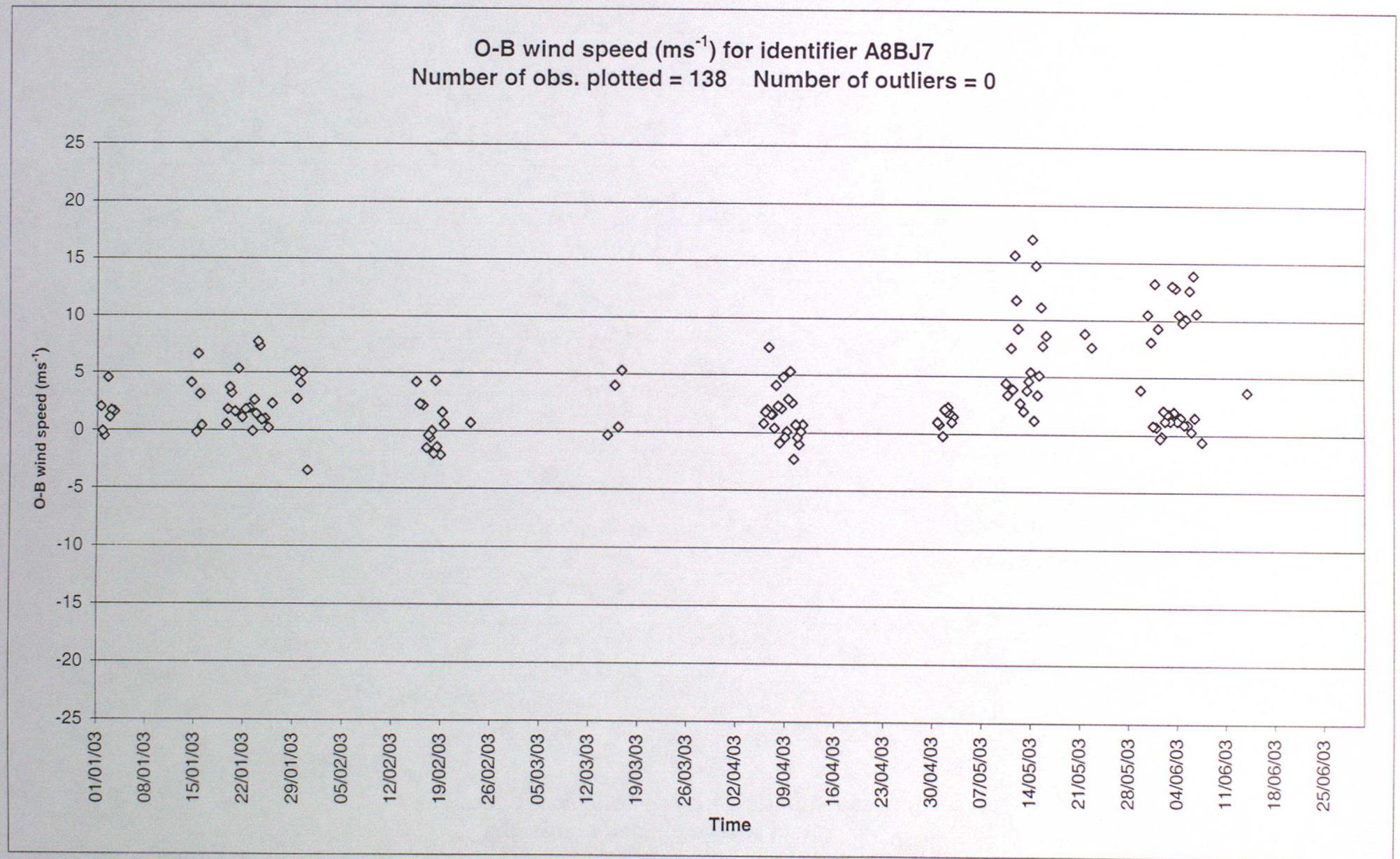
O-B pressure (hPa) for identifier 64553
Number of obs. plotted = 477 Number of outliers = 55
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

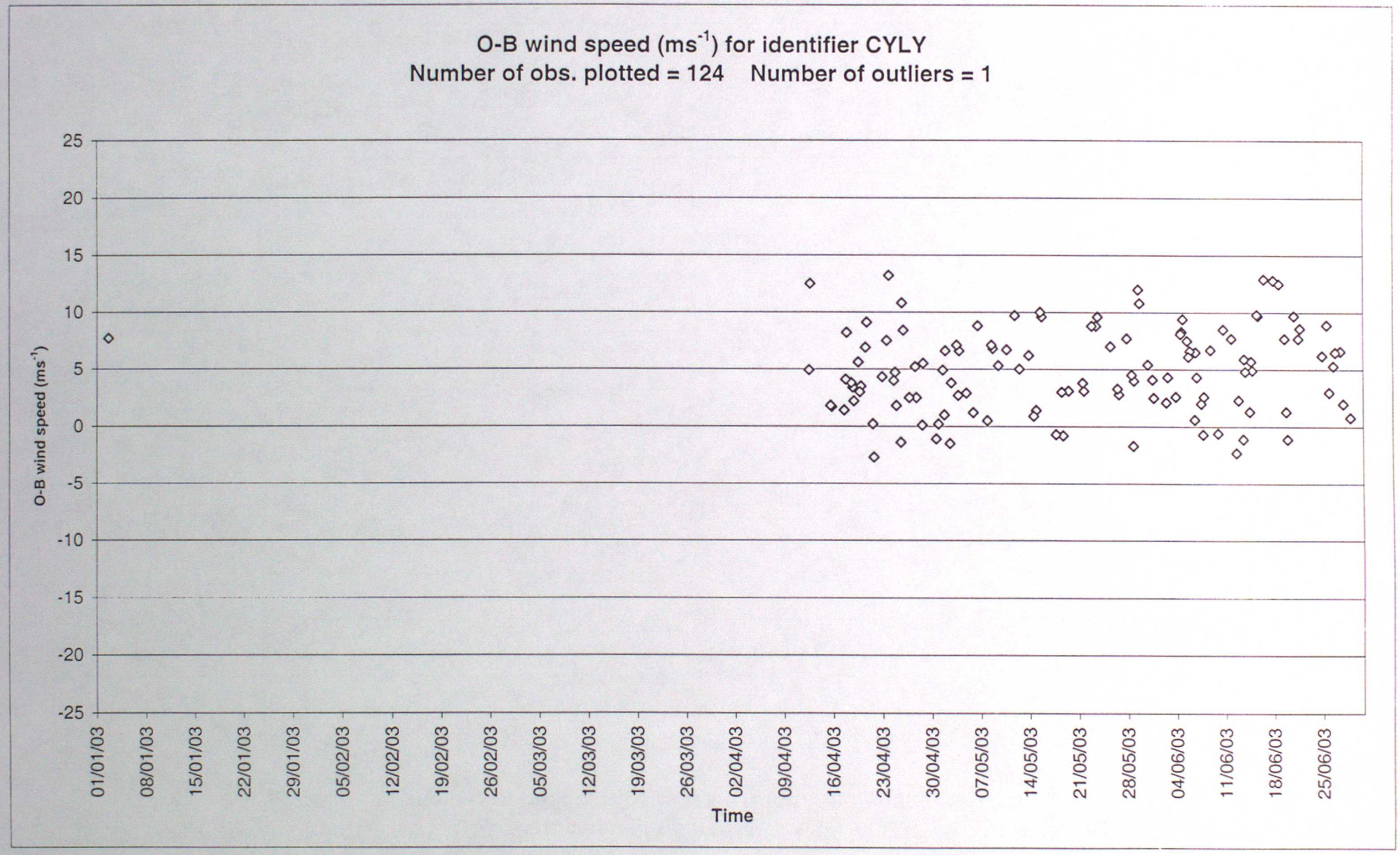
O-B pressure (hPa) for identifier 64606
Number of obs. plotted = 112 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

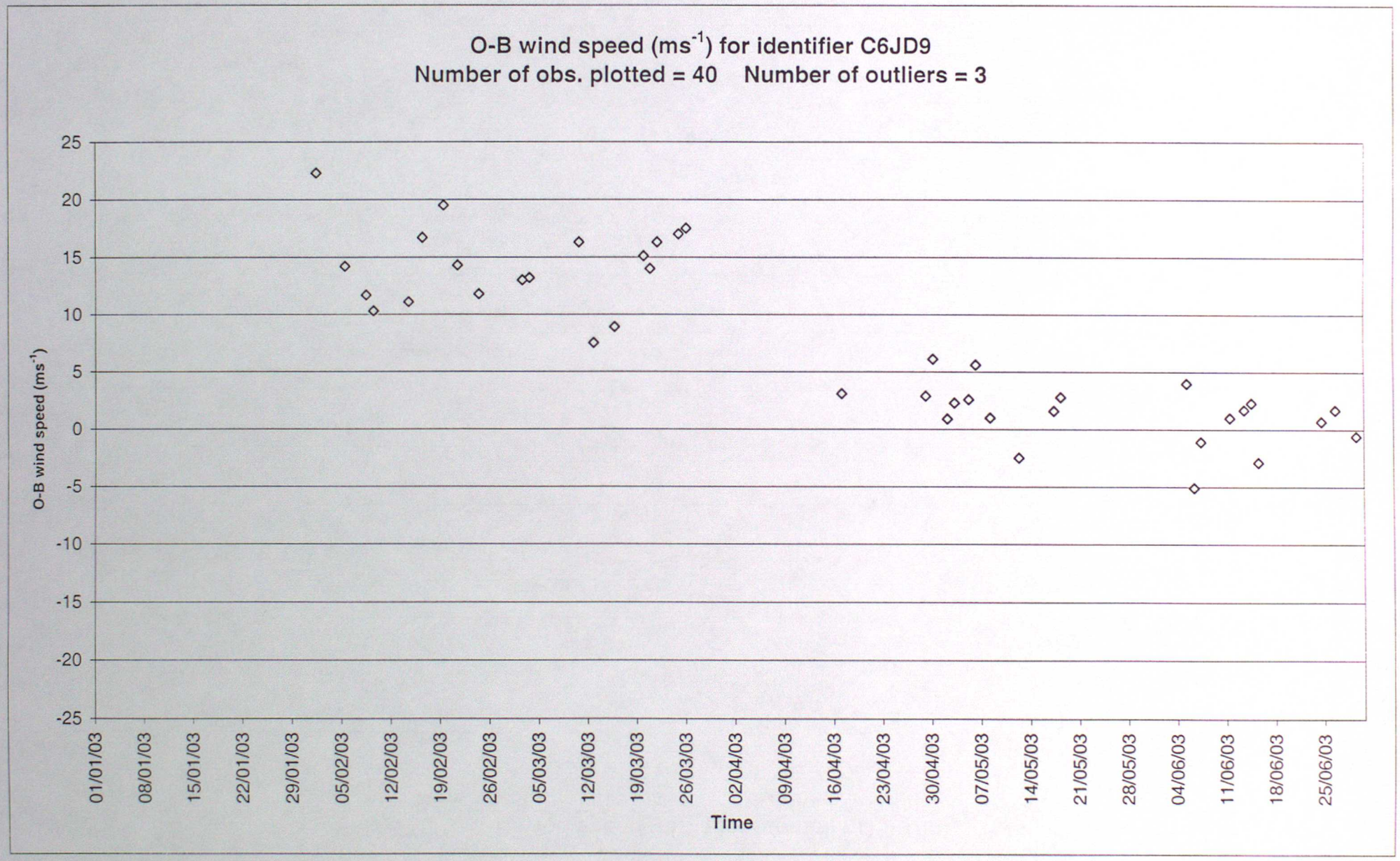

O-B pressure (hPa) for identifier 71541
Number of obs. plotted = 54 Number of outliers = 1
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

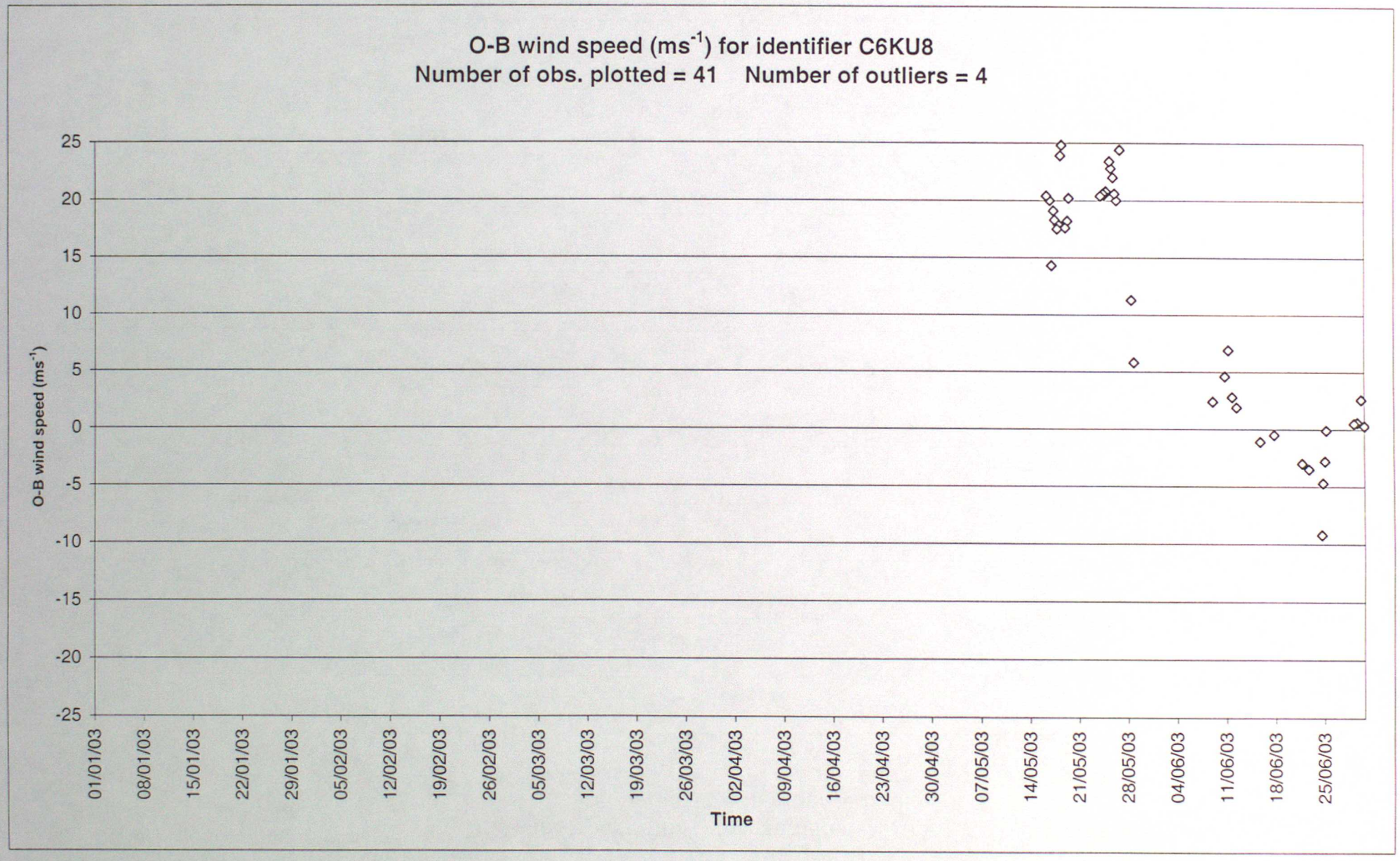
O-B pressure (hPa) for identifier 73651
Number of obs. plotted = 3328 Number of outliers = 29
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

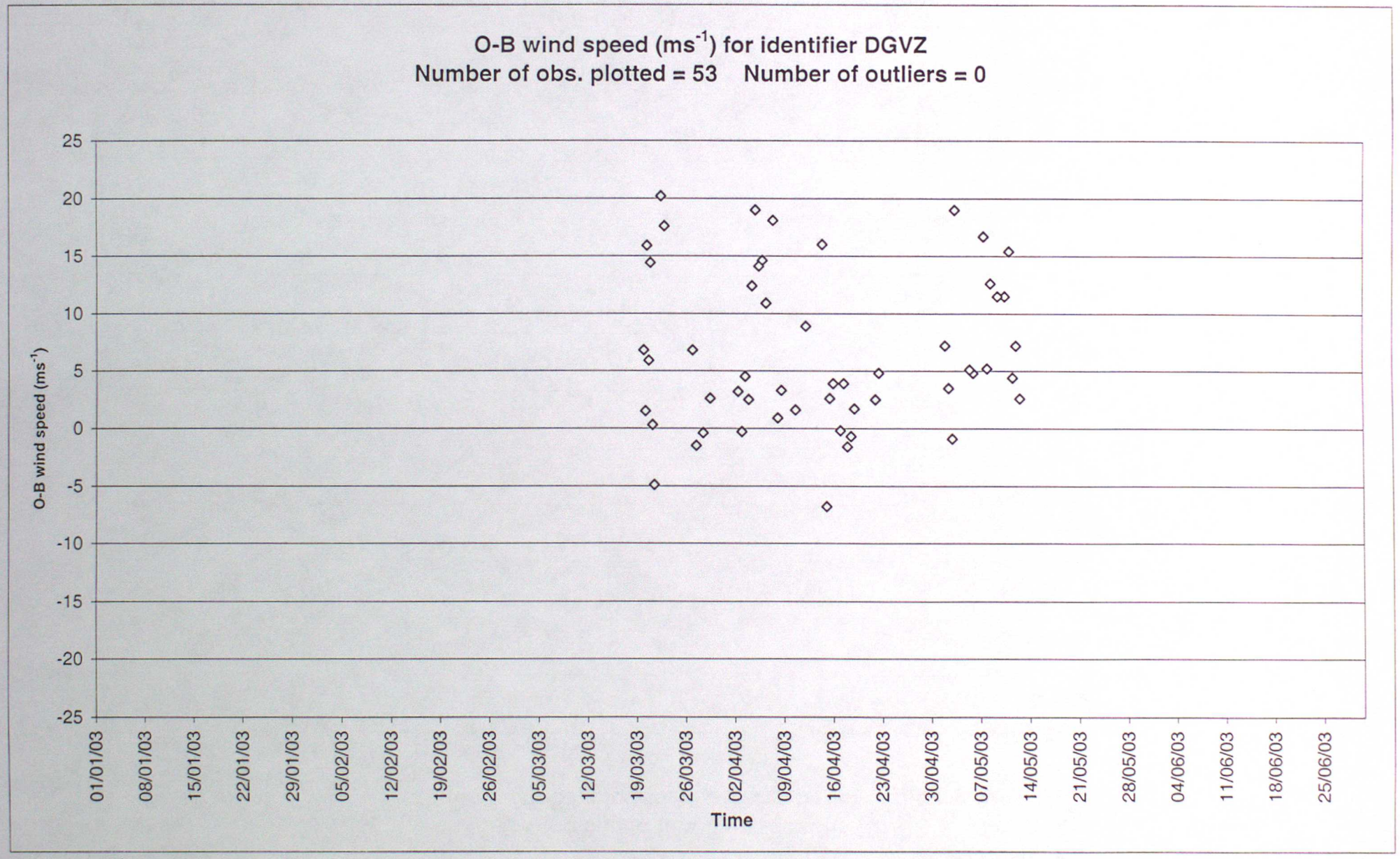

O-B pressure (hPa) for identifier 74532
Number of obs. plotted = 1007 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

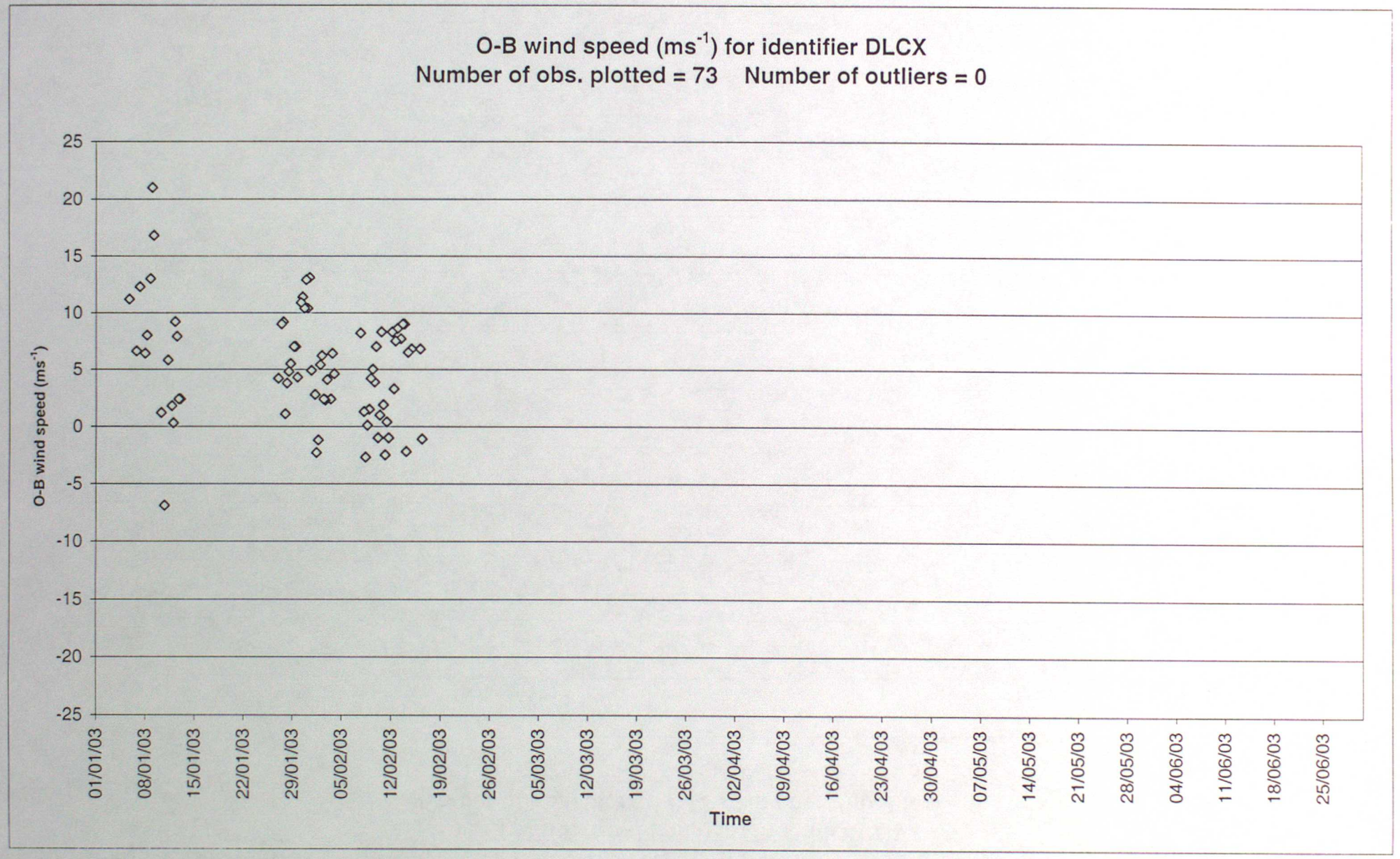

O-B wind speed (ms-1) for identifier A8BJ7
Number of obs. plotted = 138 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

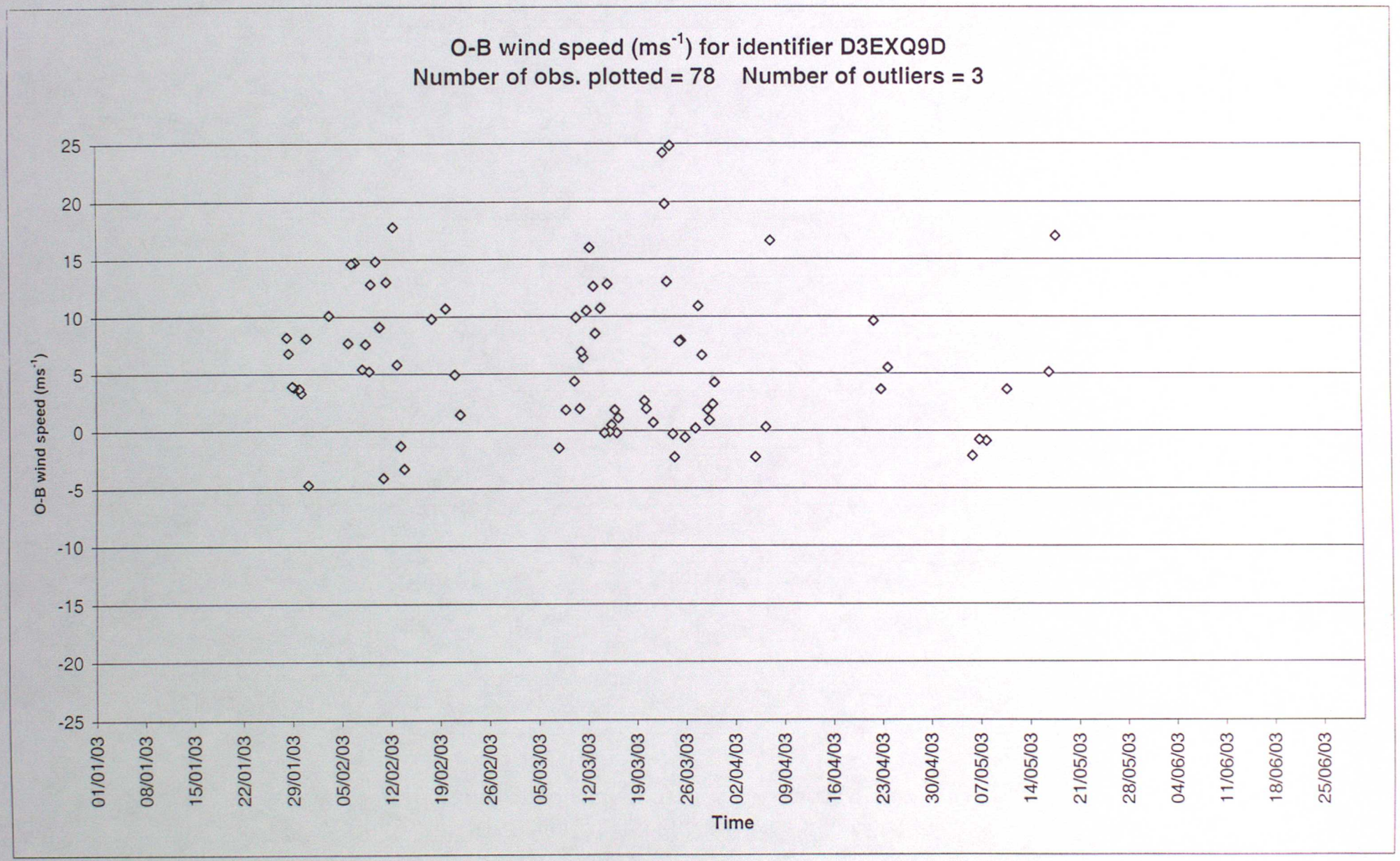

O-B wind speed (ms-1) for identifier CYLY
Number of obs. plotted = 124 Number of outliers = 1
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind speed (ms-1) for identifier C6JD9
Number of obs. plotted = 40 Number of outliers = 3
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

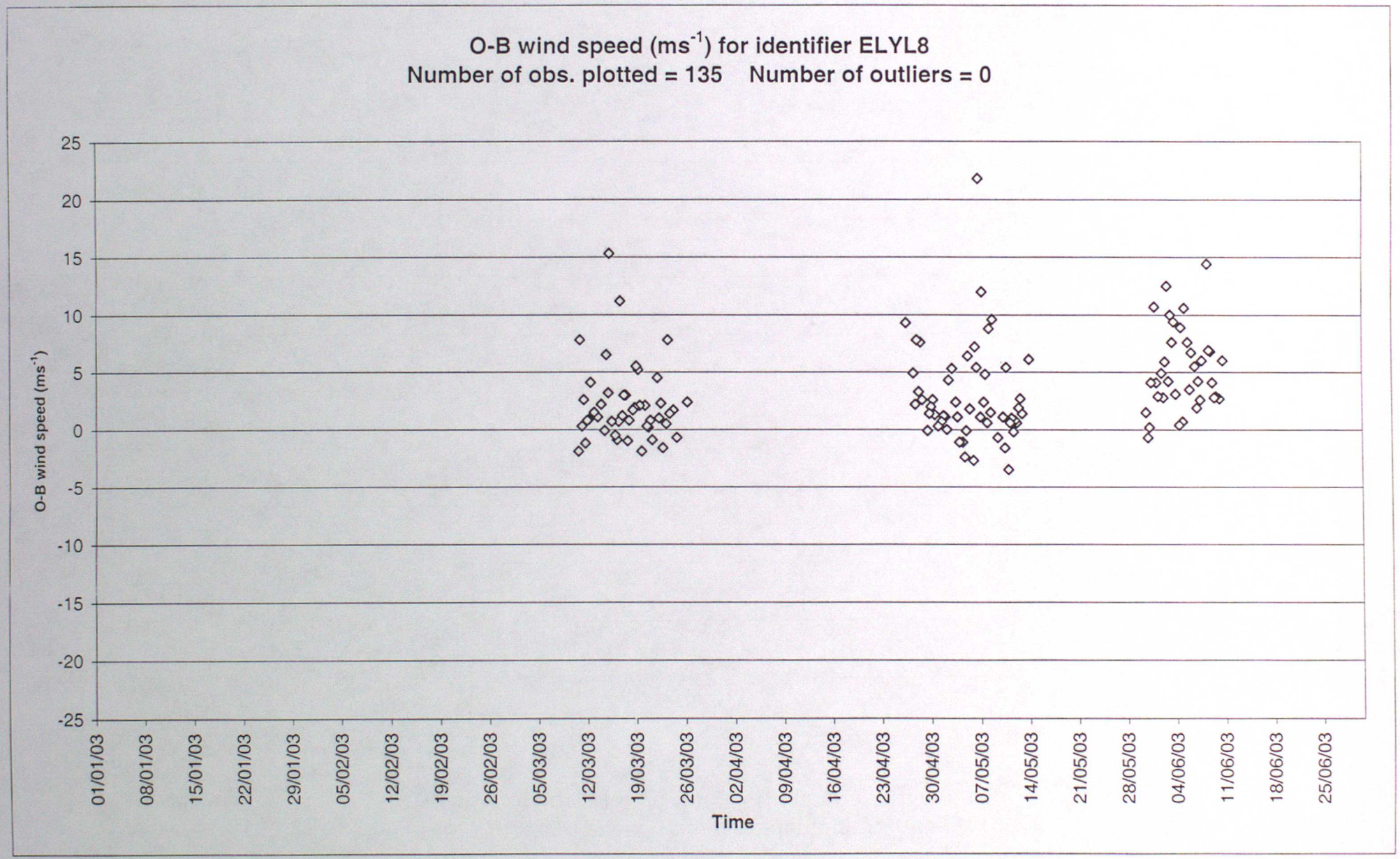

O-B wind speed (ms-1) for identifier C6KU8
Number of obs. plotted = 41 Number of outliers = 4
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

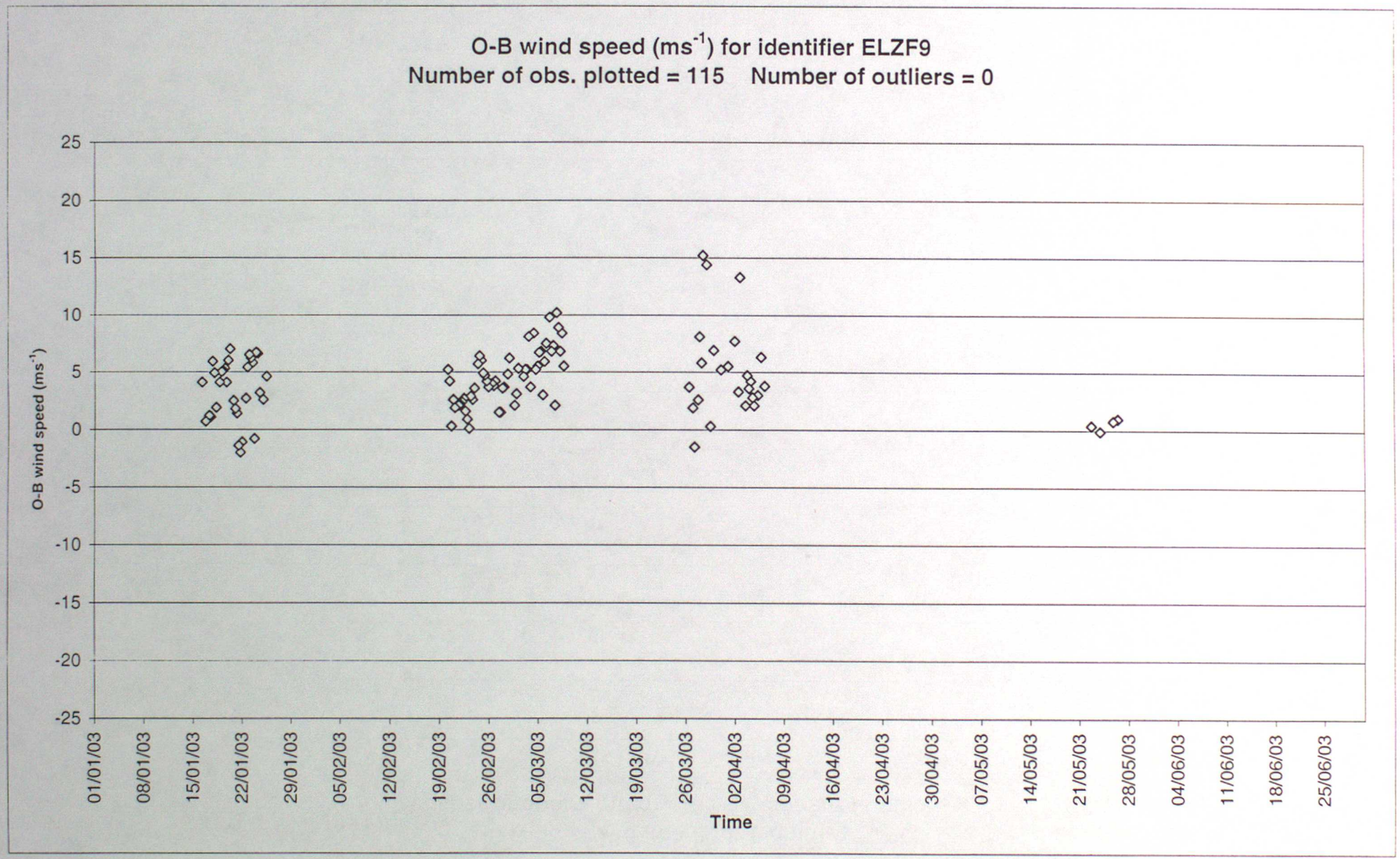

O-B wind speed (ms-1) for identifier DGVZ
Number of obs. plotted = 53 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind speed (ms-1) for identifier DLCX
Number of obs. plotted = 73 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

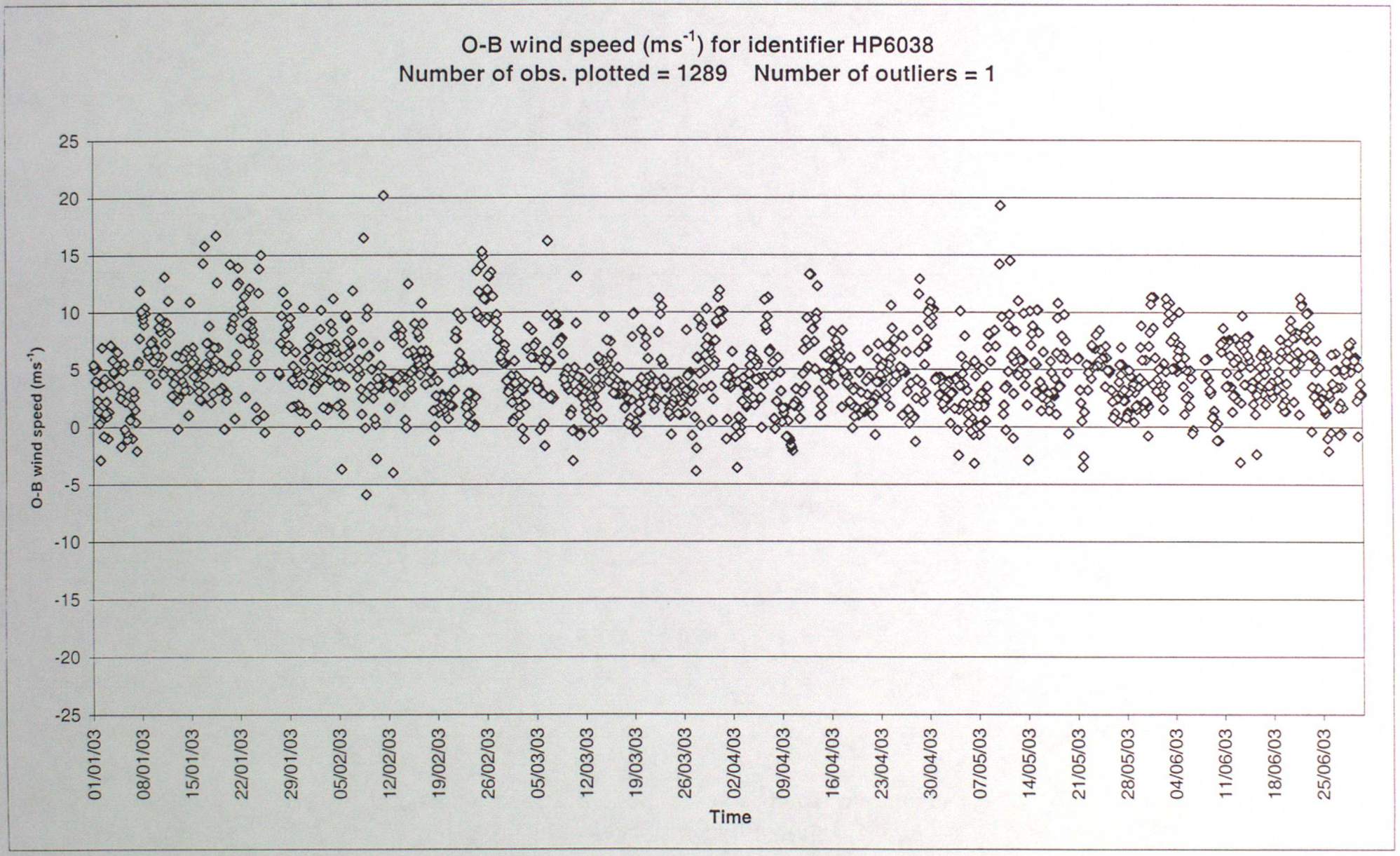

O-B wind speed (ms-1) for identifier D3EXQ9D
Number of obs. plotted = 78 Number of outliers = 3
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

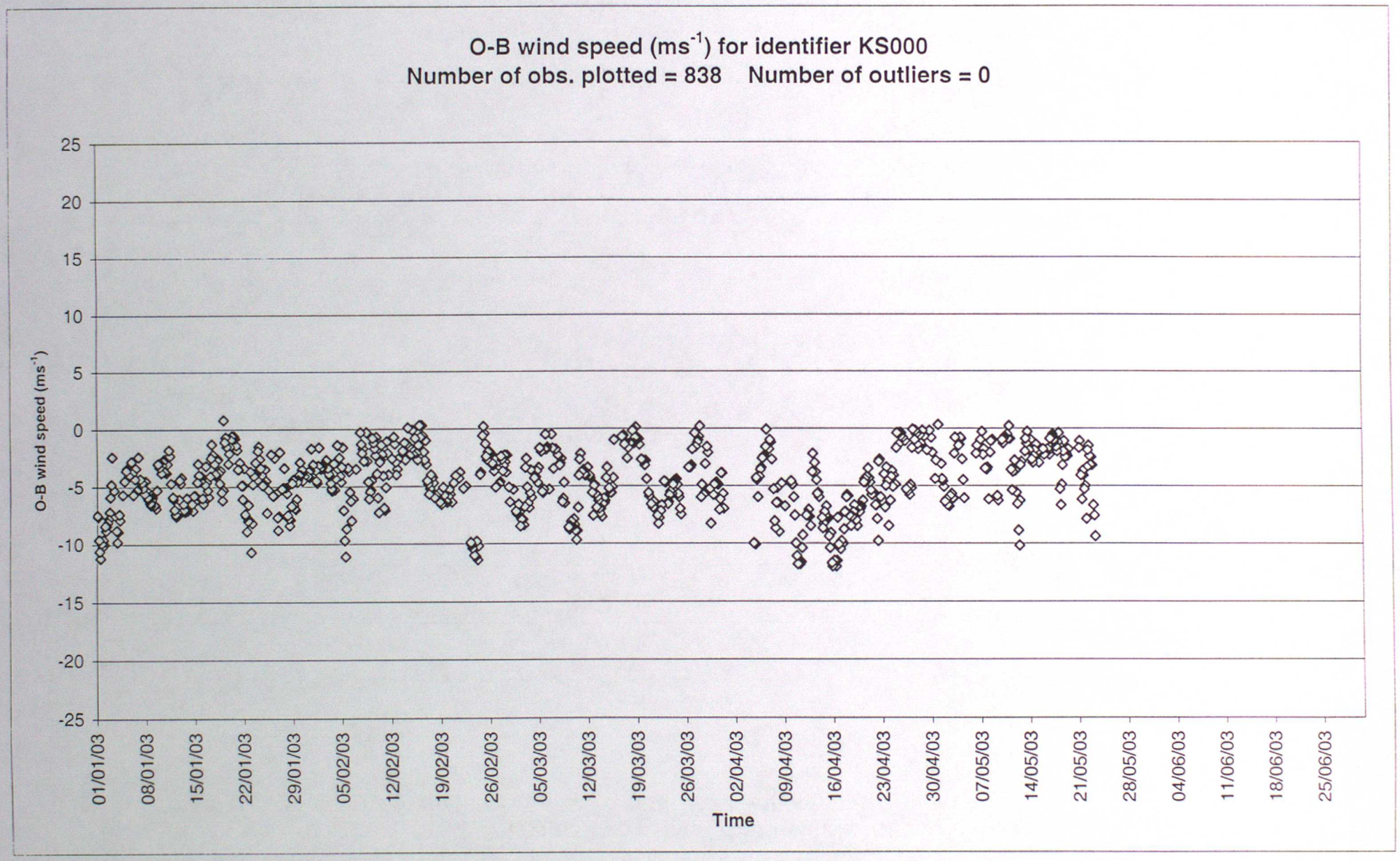
O-B wind speed (ms-1) for identifier ELTY4
Number of obs. plotted = 126 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

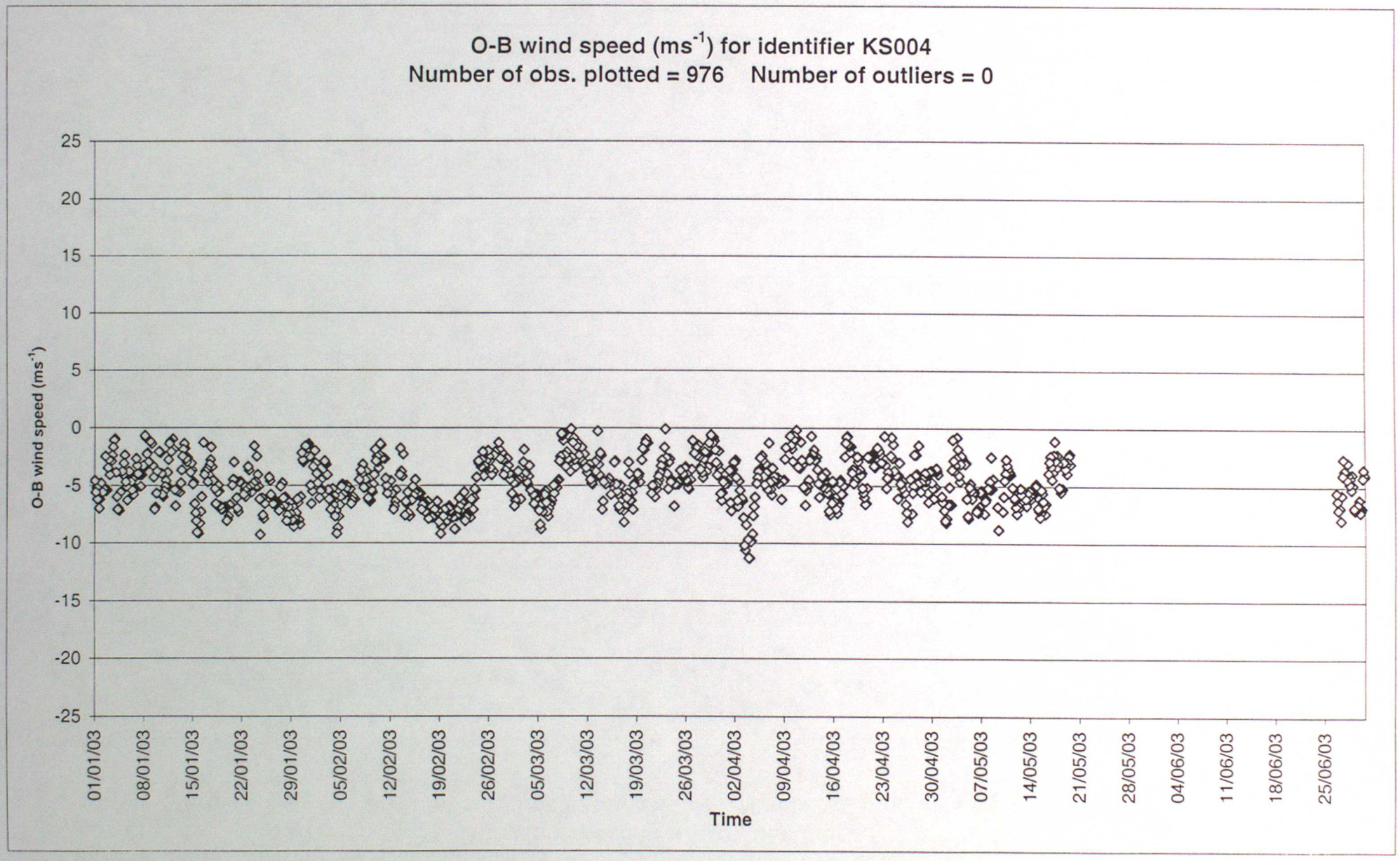

O-B wind speed (ms-1) for identifier ELYL8
Number of obs. plotted = 135 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

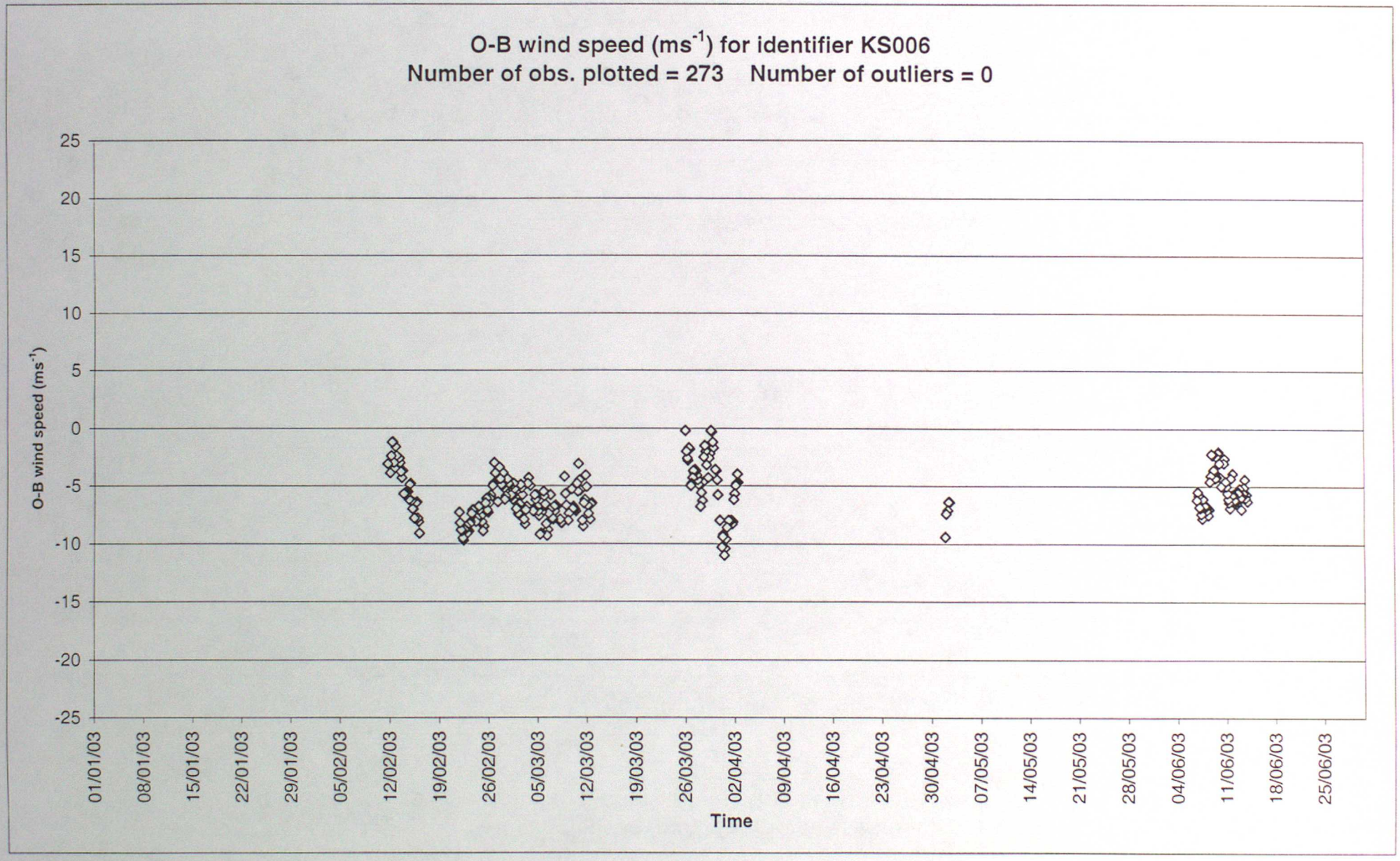

O-B wind speed (ms-1) for identifier ELZF9
Number of obs. plotted = 115 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

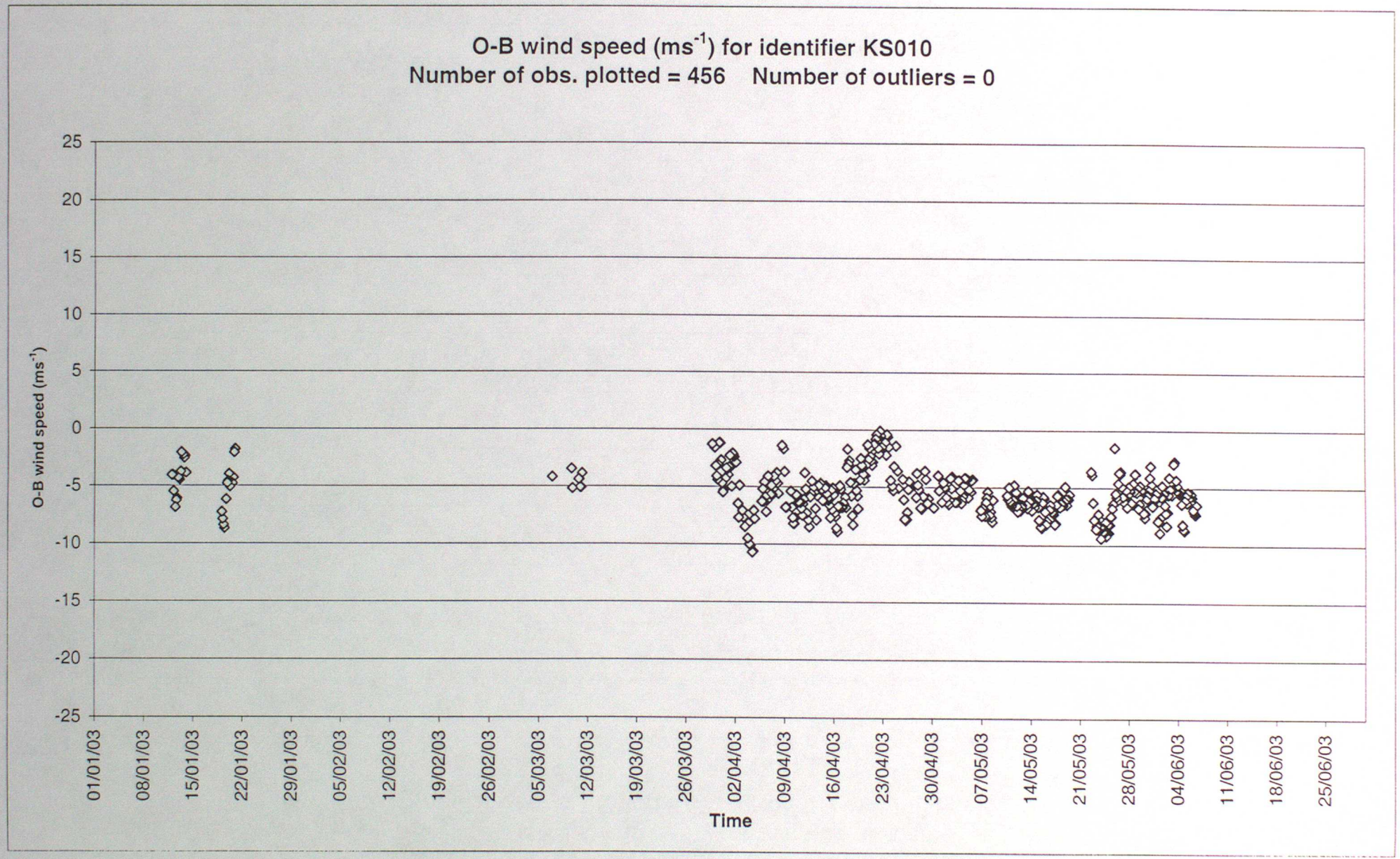
O-B wind speed (ms-1) for identifier GBRP
Number of obs. plotted = 114 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind speed (ms-1) for identifier HP6038
Number of obs. plotted = 1289 Number of outliers = 1
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

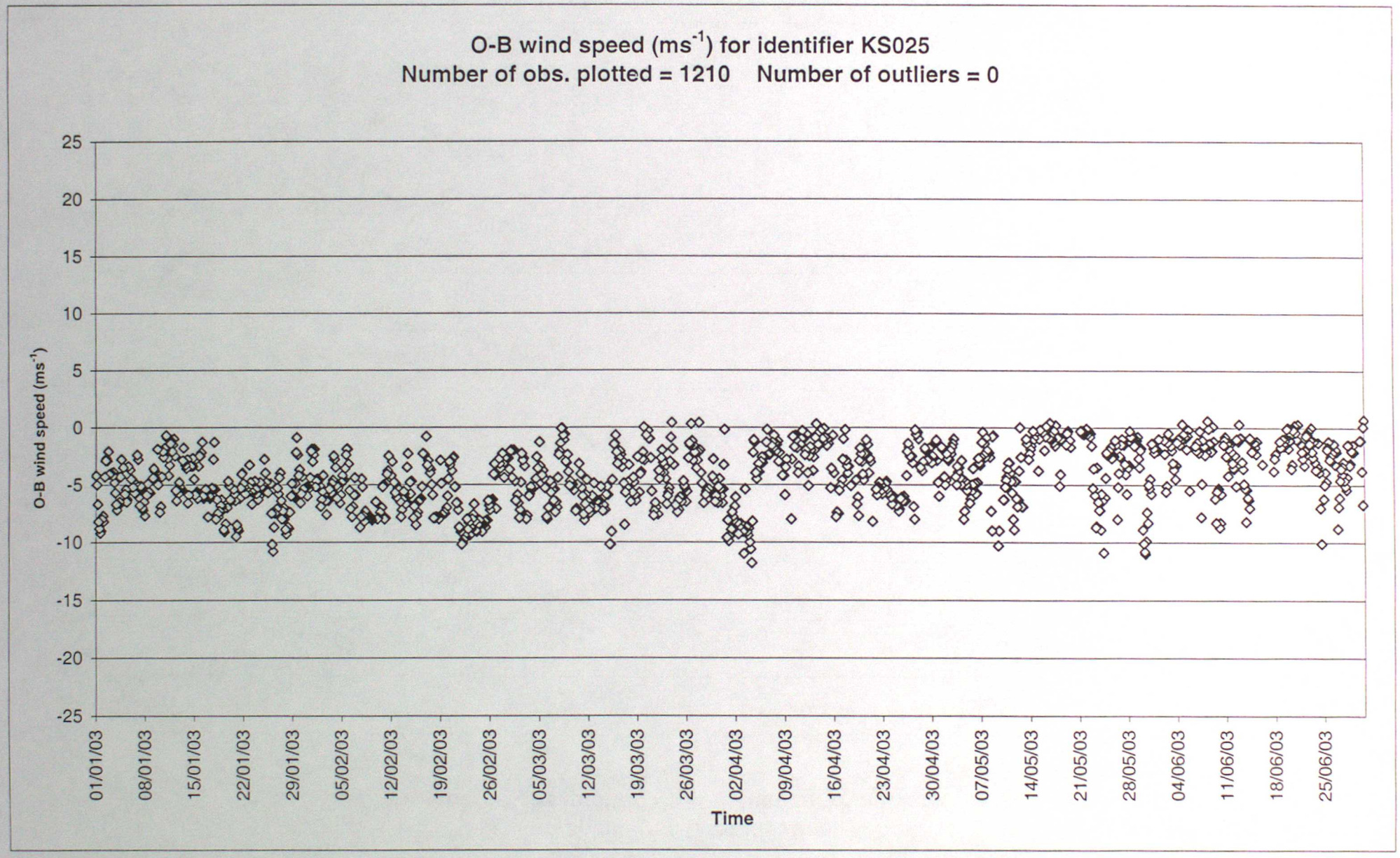

O-B wind speed (ms-1) for identifier KS000
Number of obs. plotted = 838 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

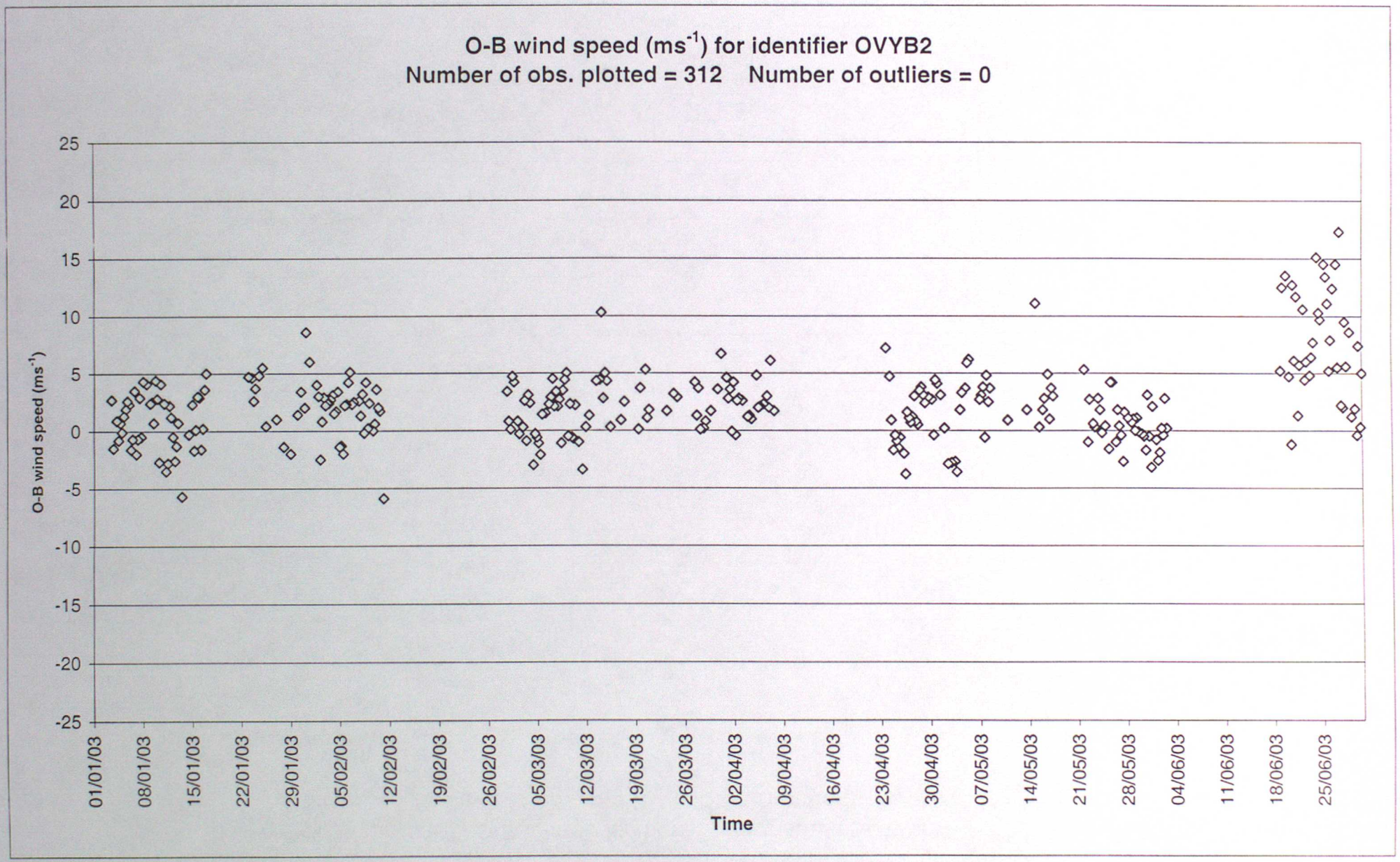

O-B wind speed (ms-1) for identifier KS004
Number of obs. plotted = 976 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

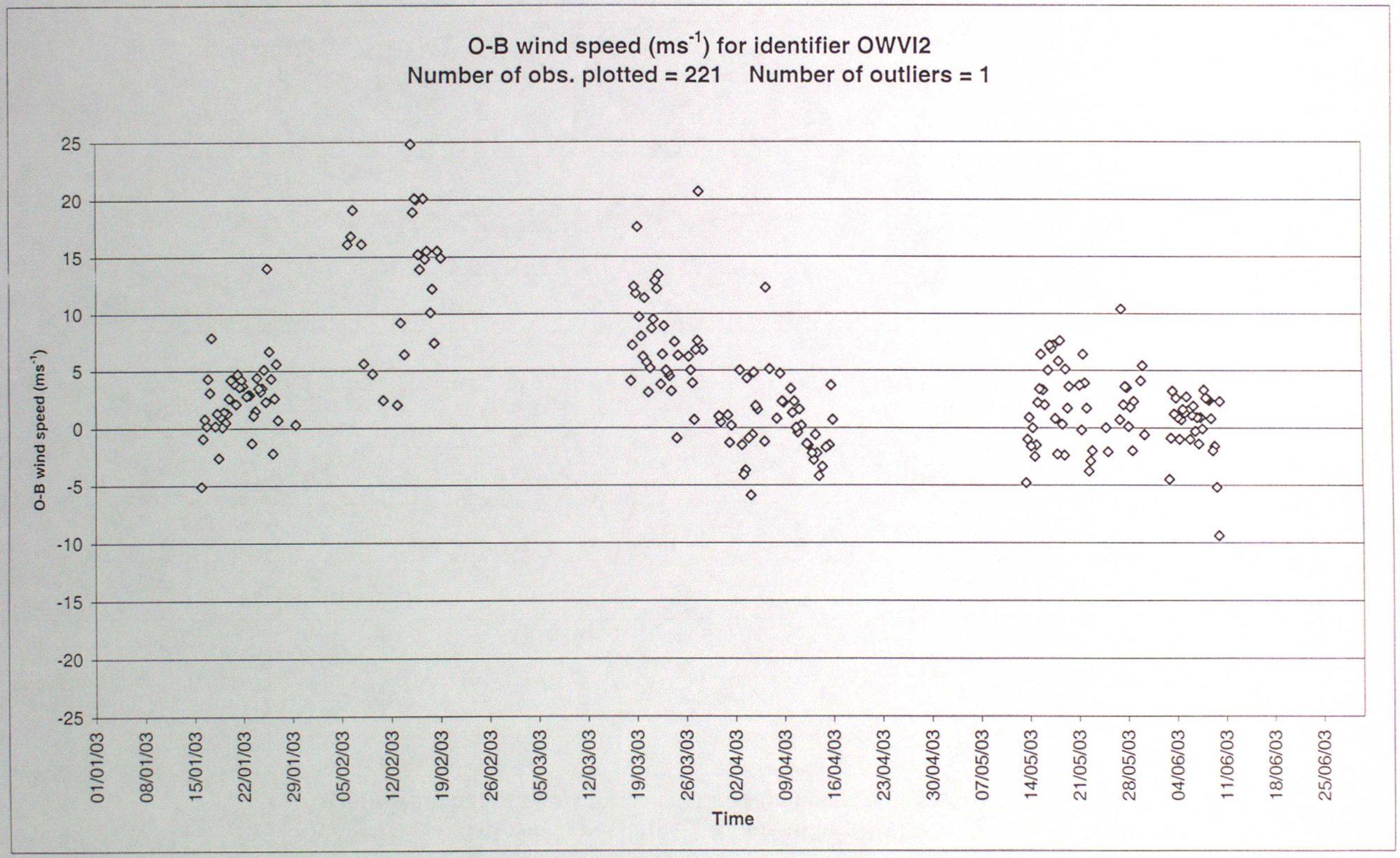

O-B wind speed (ms-1) for identifier KS006
Number of obs. plotted = 273 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind speed (ms-1) for identifier KS010
Number of obs. plotted = 456 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

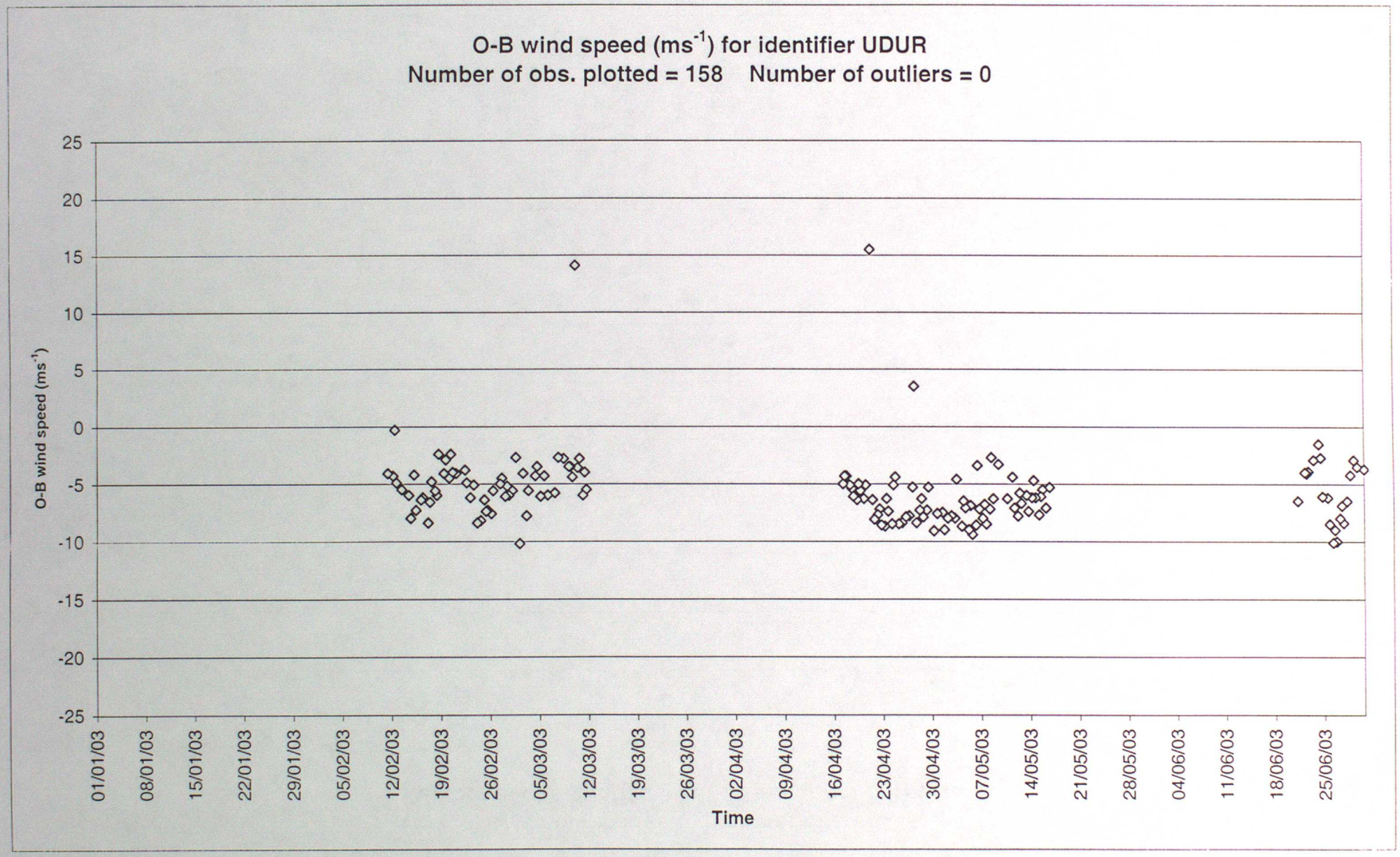
O-B wind speed (ms-1) for identifier KS014
Number of obs. plotted = 155 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

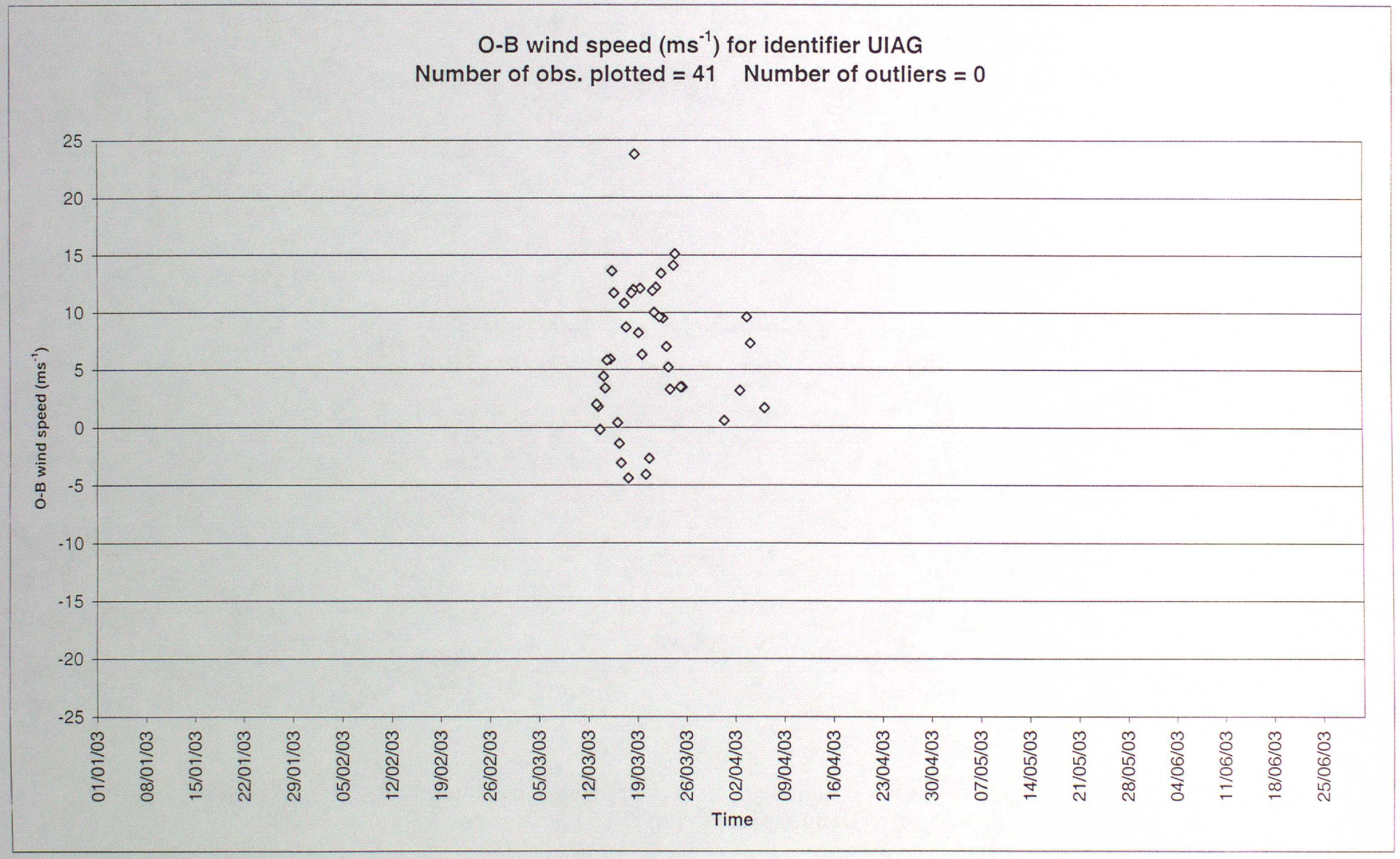

O-B wind speed (ms-1) for identifier KS025
Number of obs. plotted = 1210 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

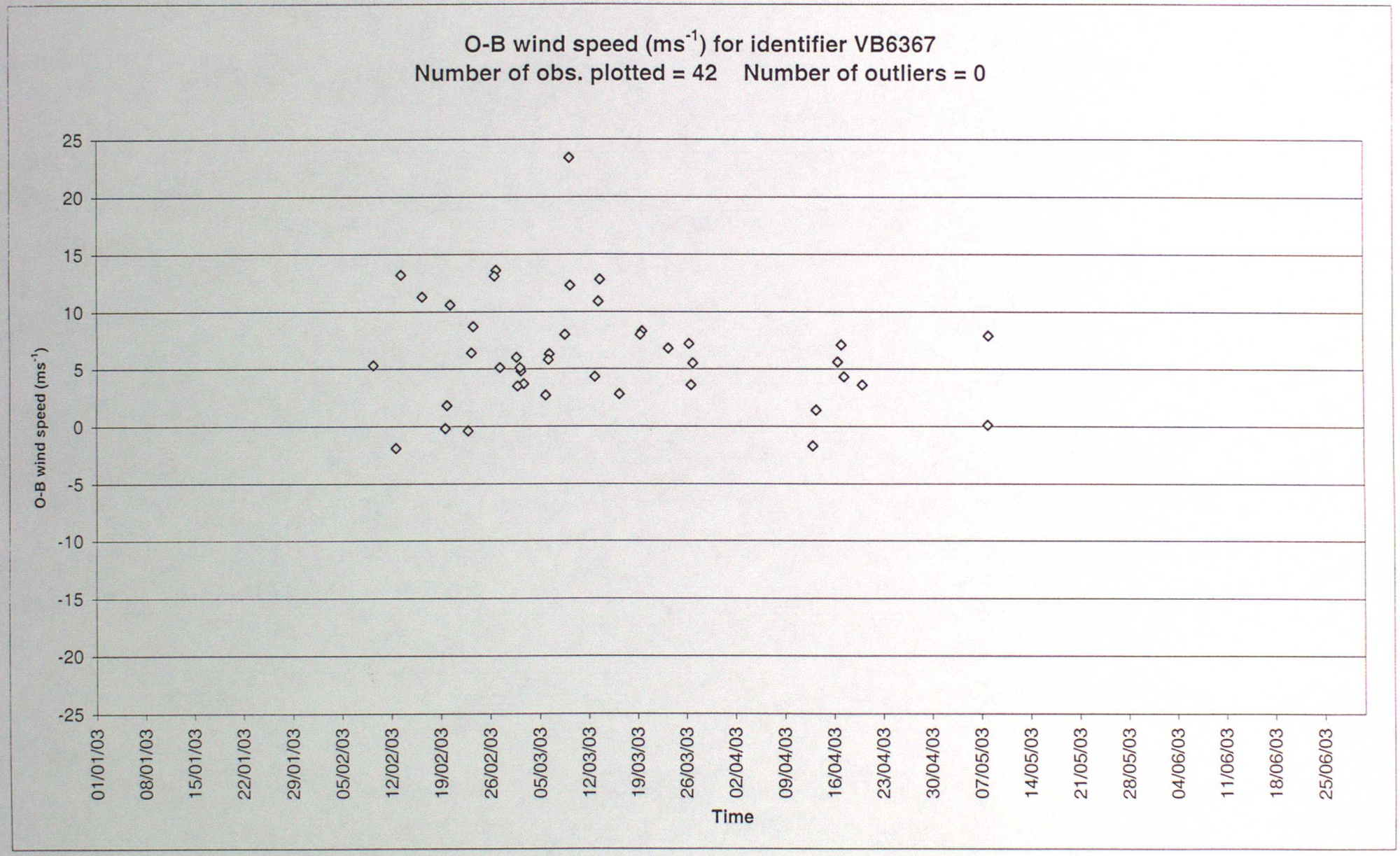

O-B wind speed (ms-1) for identifier OVYB2
Number of obs. plotted = 312 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

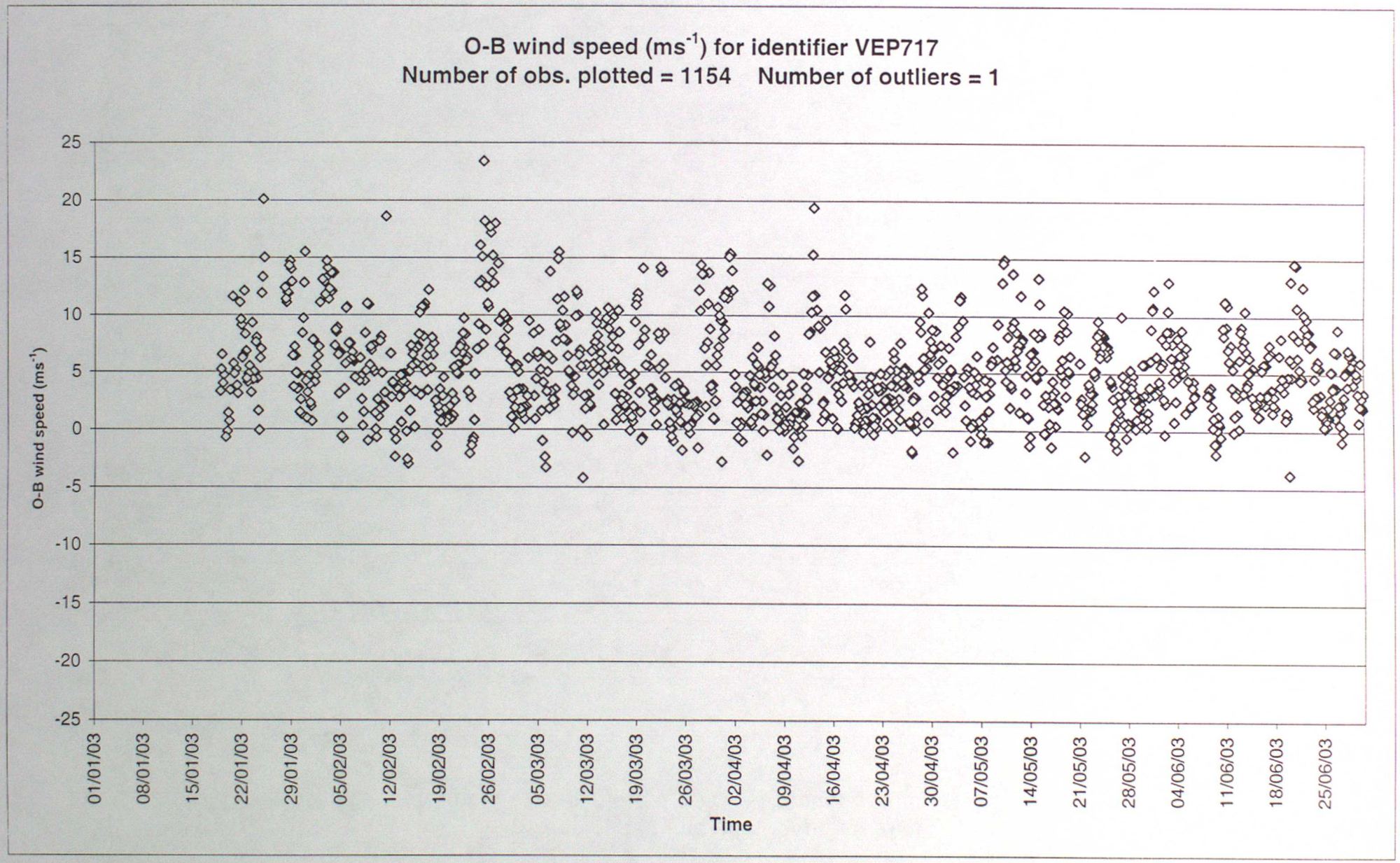

O-B wind speed (ms-1) for identifier OWVI2
Number of obs. plotted = 221 Number of outliers = 1
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

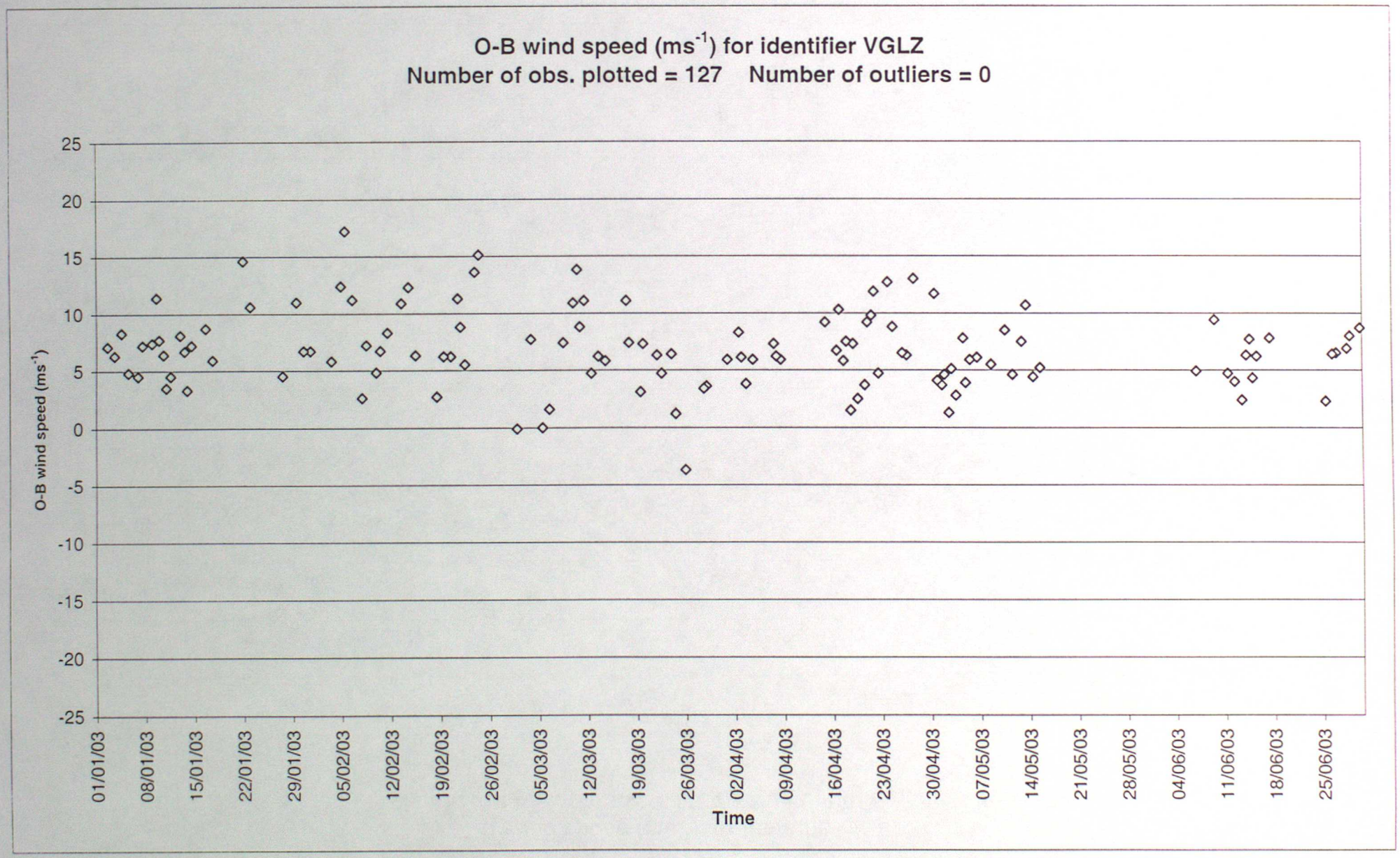
O-B wind speed (ms-1) for identifier UCTA
Number of obs. plotted = 187 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B wind speed (ms-1) for identifier UDUR
Number of obs. plotted = 158 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

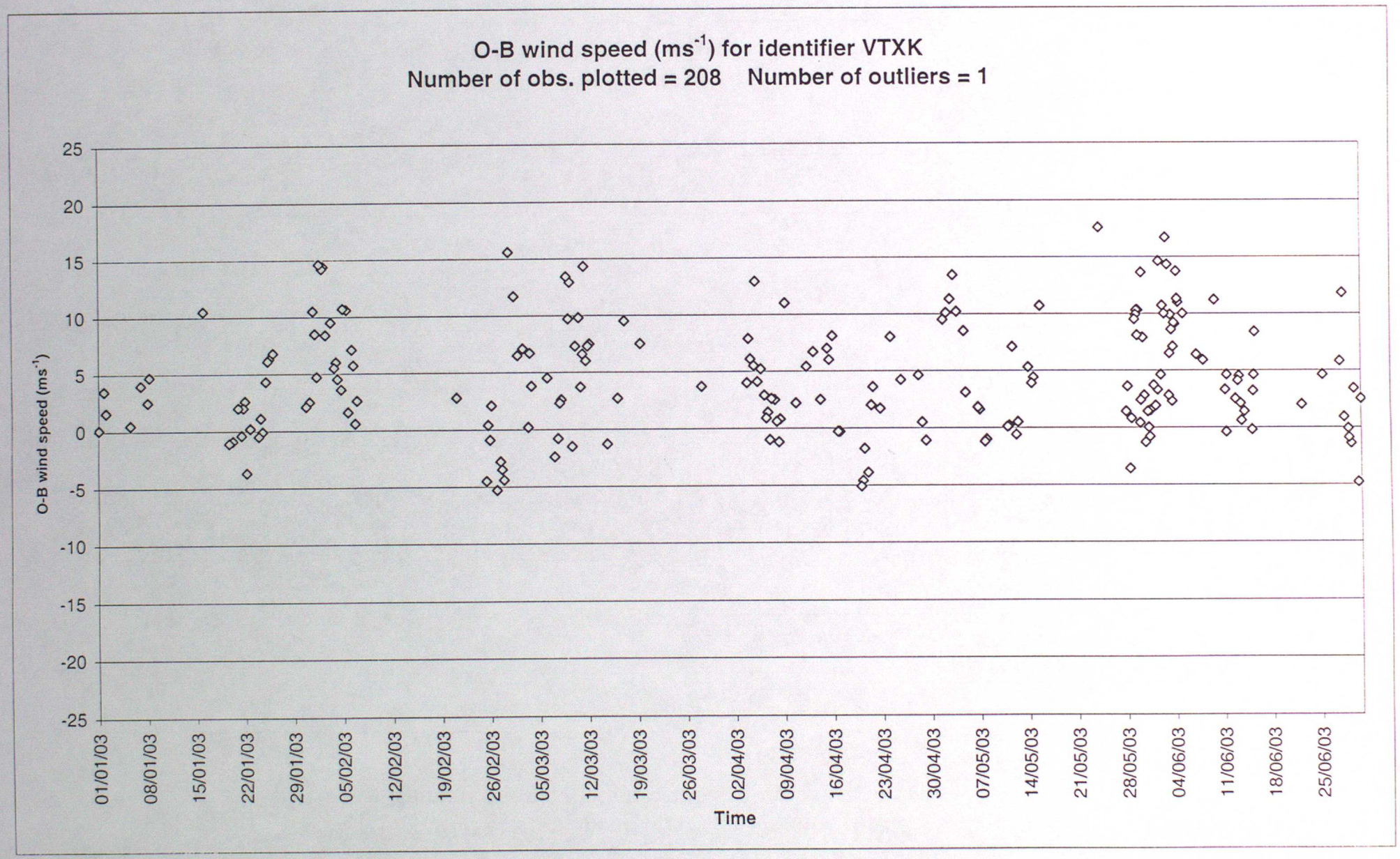

O-B wind speed (ms-1) for identifier UIAG
Number of obs. plotted = 41 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

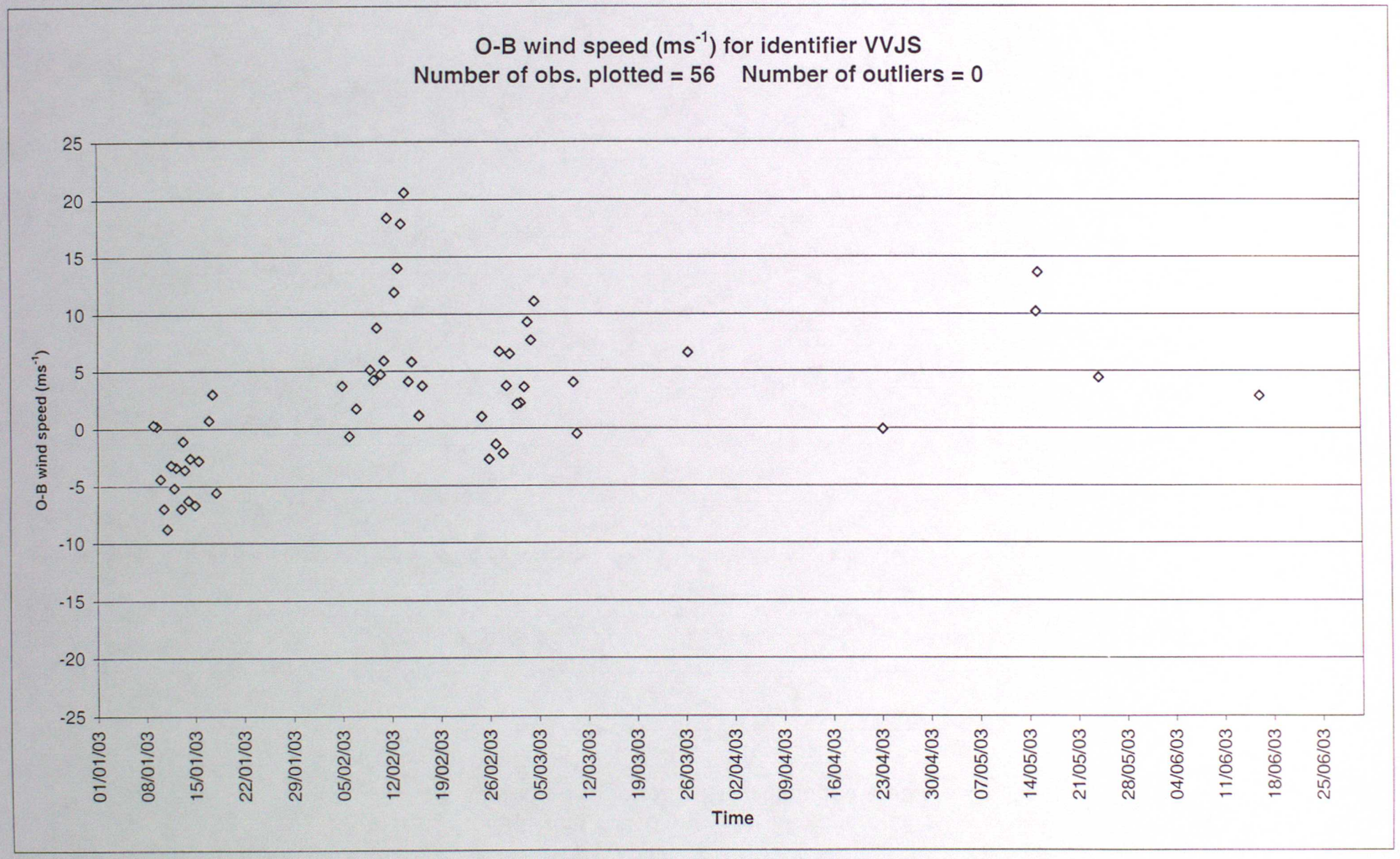

O-B wind speed (ms-1) for identifier VB6367
Number of obs. plotted = 42 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind speed (ms-1) for identifier VEP717
Number of obs. plotted = 1154 Number of outliers = 1
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

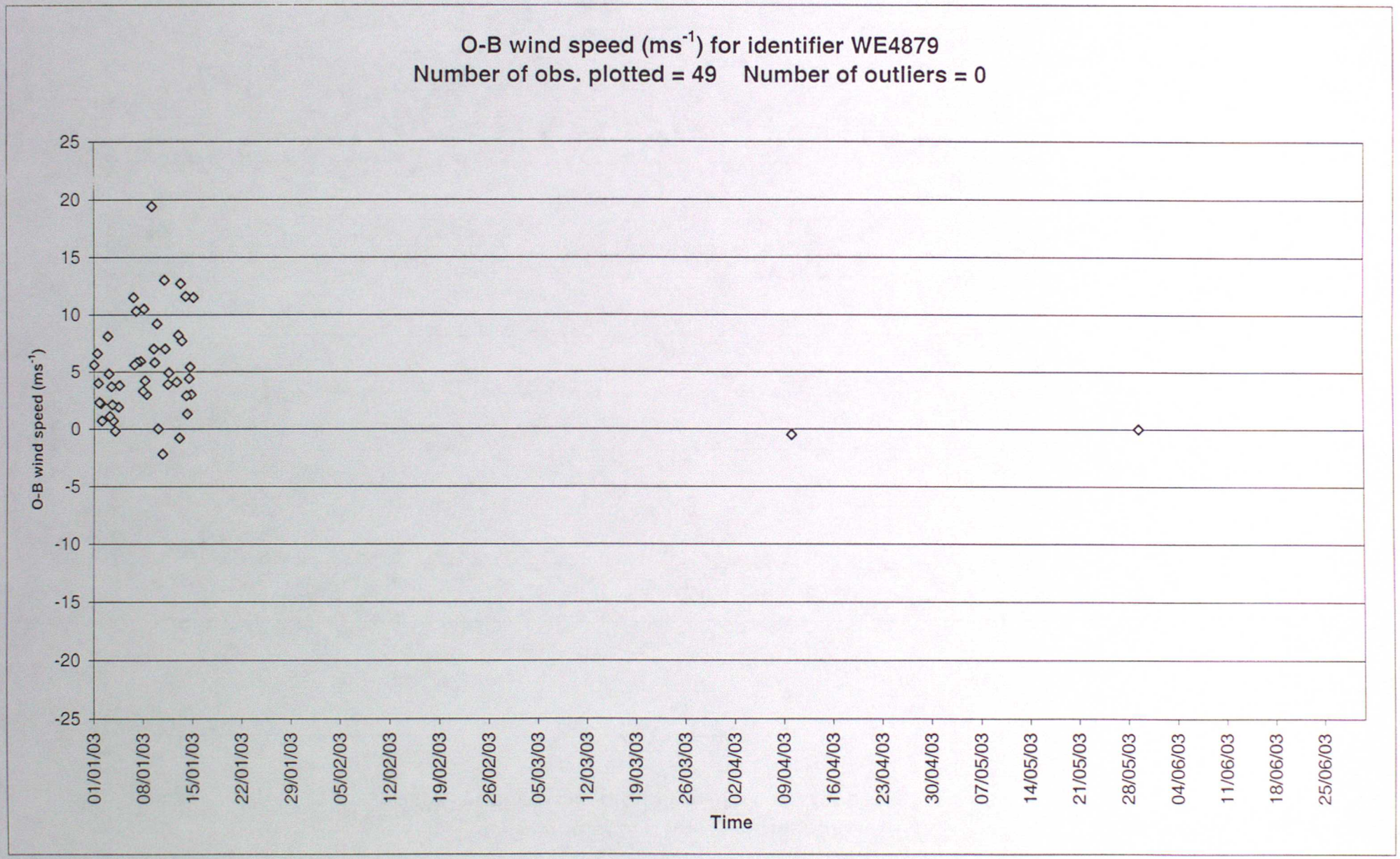

O-B wind speed (ms-1) for identifier VGLZ
Number of obs. plotted = 127 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

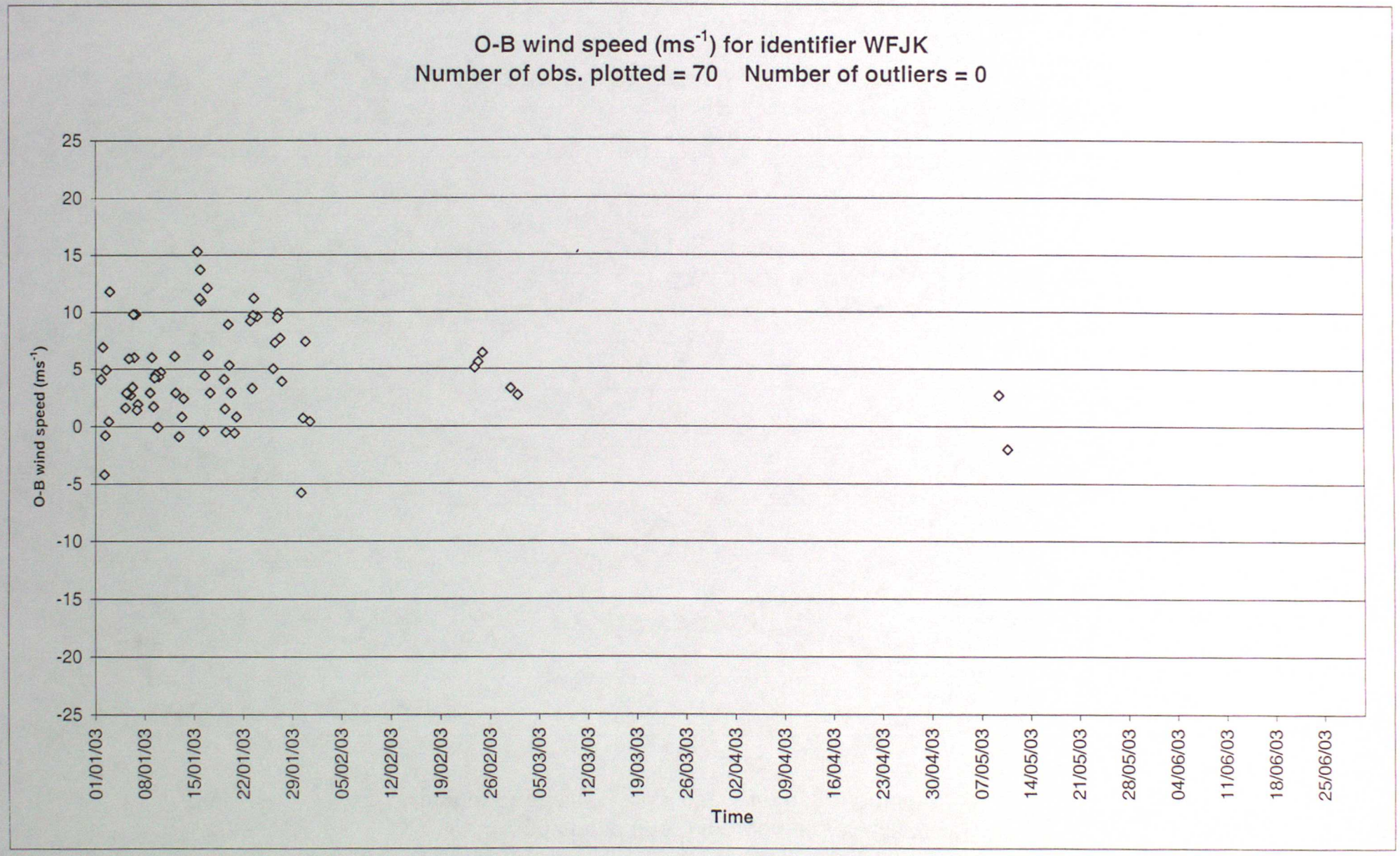
O-B wind speed (ms-1) for identifier VNSZ
Number of obs. plotted = 1842 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

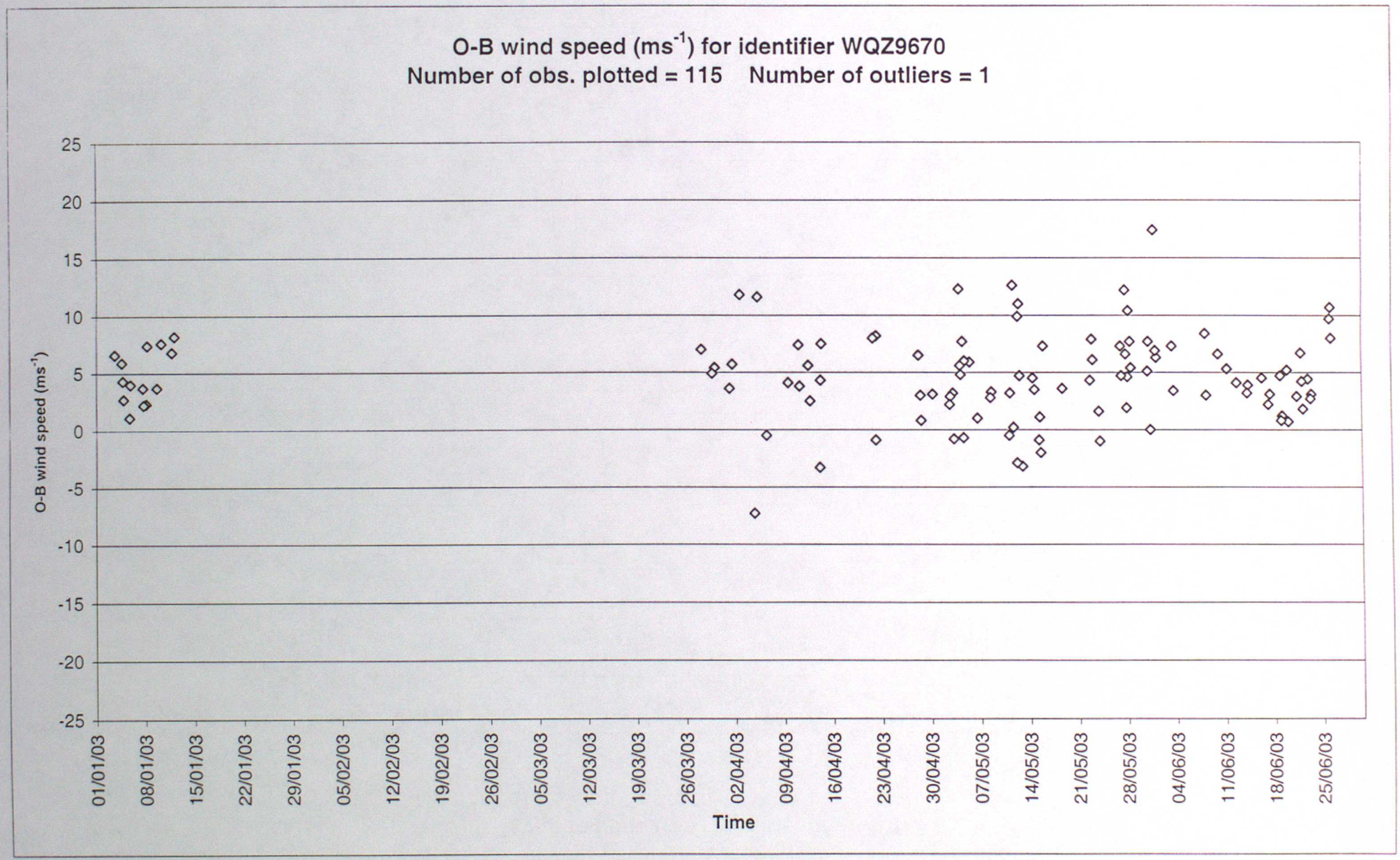

O-B wind speed (ms-1) for identifier VTXK
Number of obs. plotted = 208 Number of outliers = 1
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

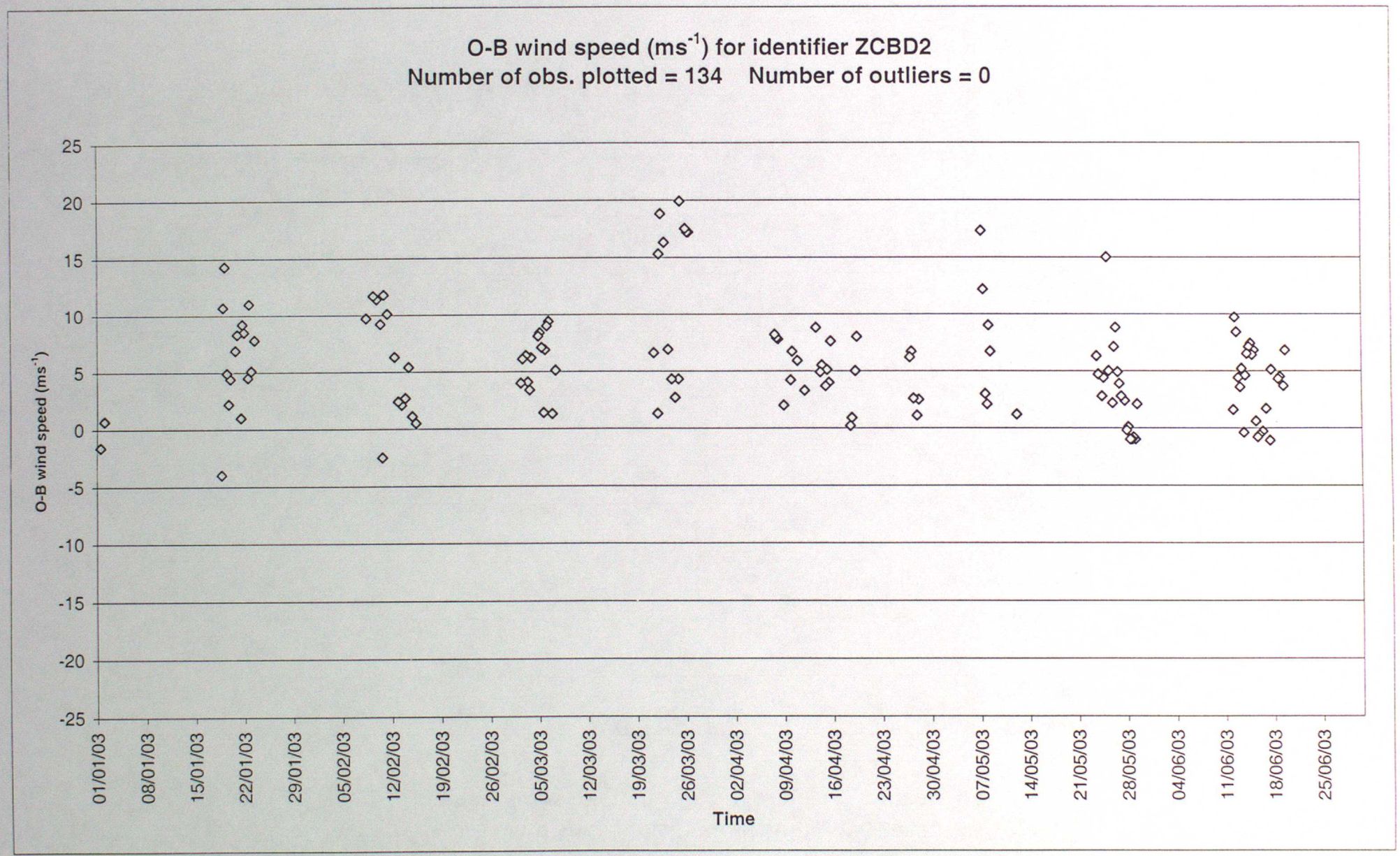

O-B wind speed (ms-1) for identifier VVJS
Number of obs. plotted = 56 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

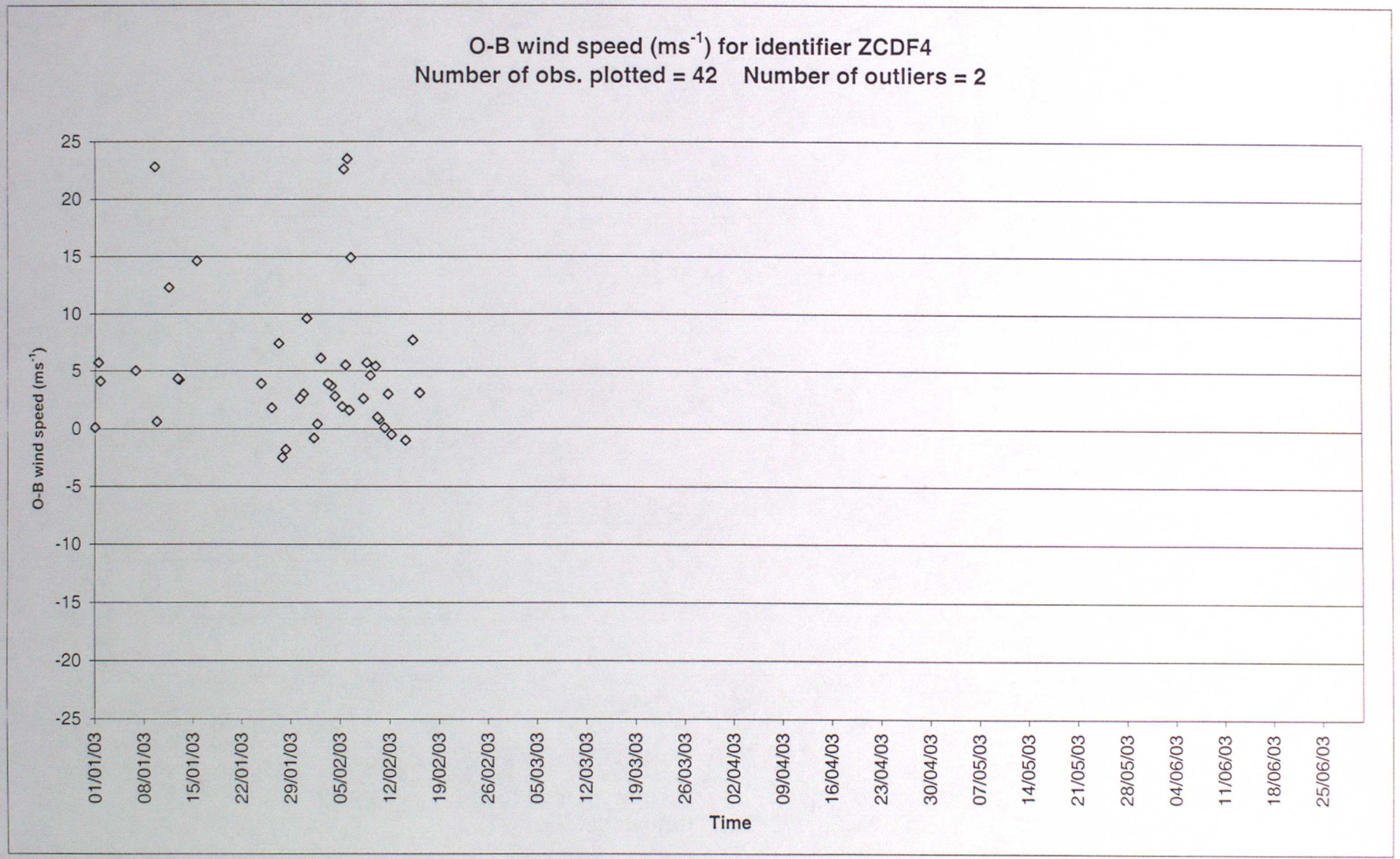
O-B wind speed (ms-1) for identifier V2FN
Number of obs. plotted = 64 Number of outliers = 1
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

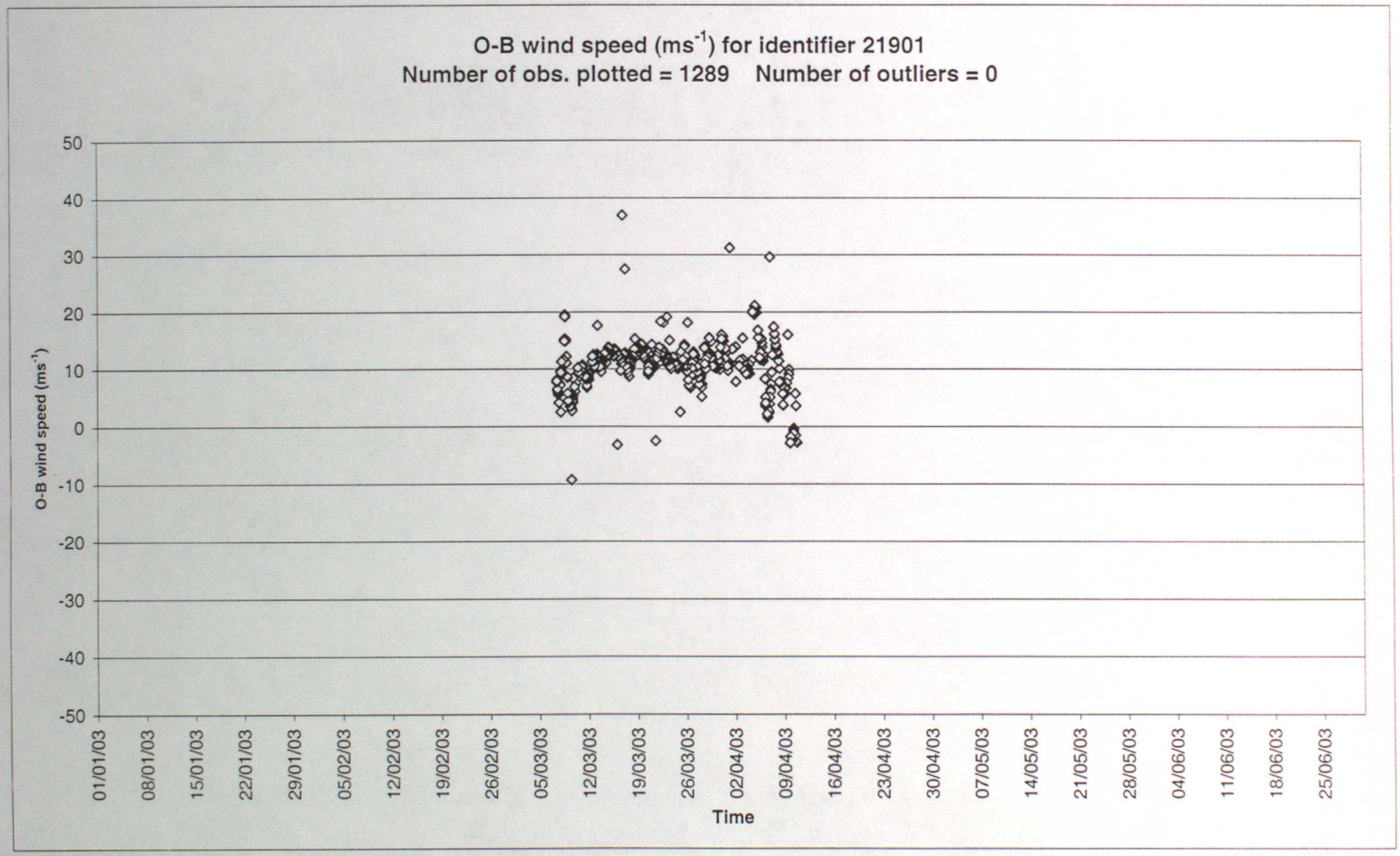

O-B wind speed (ms-1) for identifier WE4879
Number of obs. plotted = 49 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind speed (ms-1) for identifier WFJK
Number of obs. plotted = 70 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

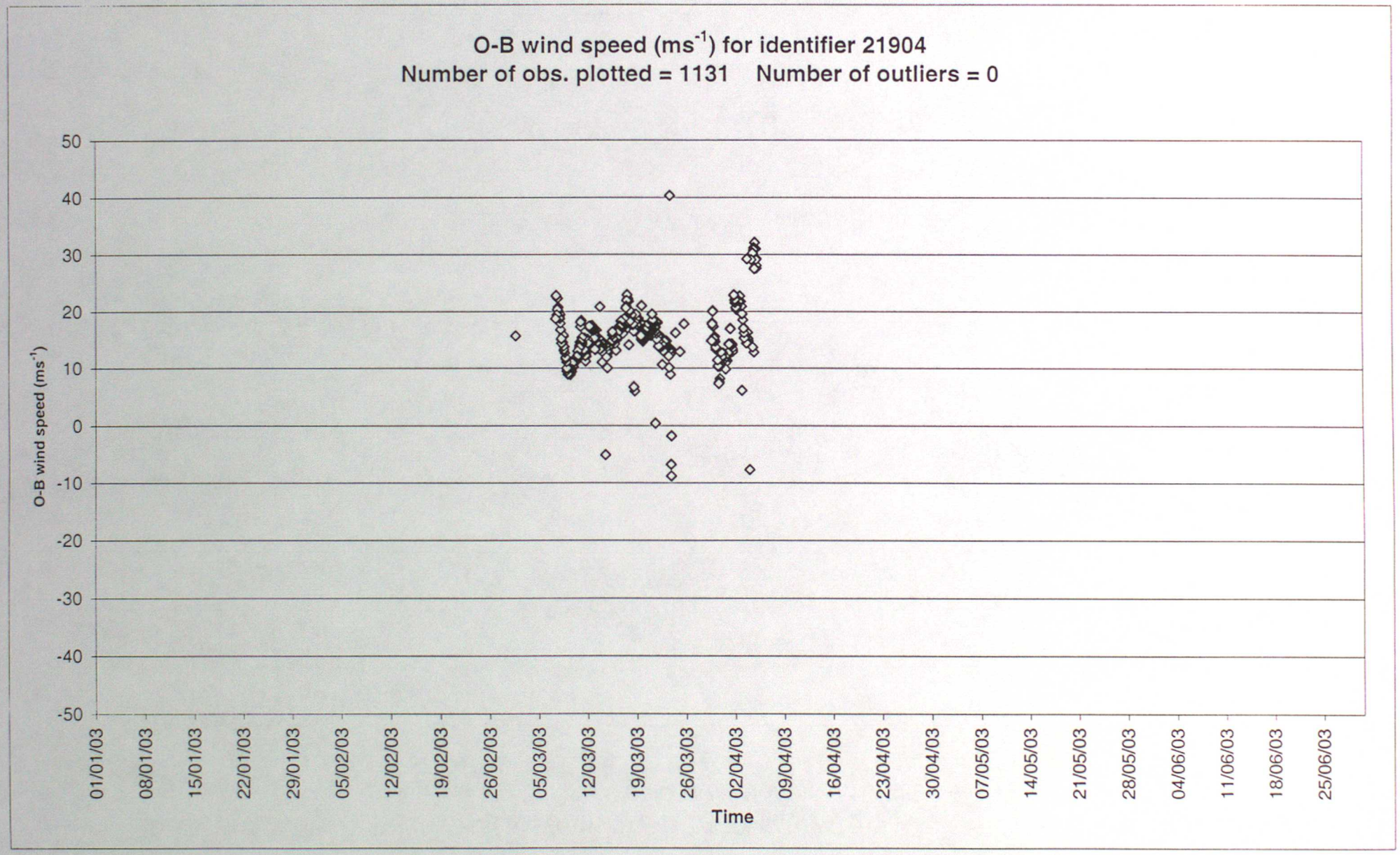

O-B wind speed (ms-1) for identifier WQZ9670
Number of obs. plotted = 115 Number of outliers = 1
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

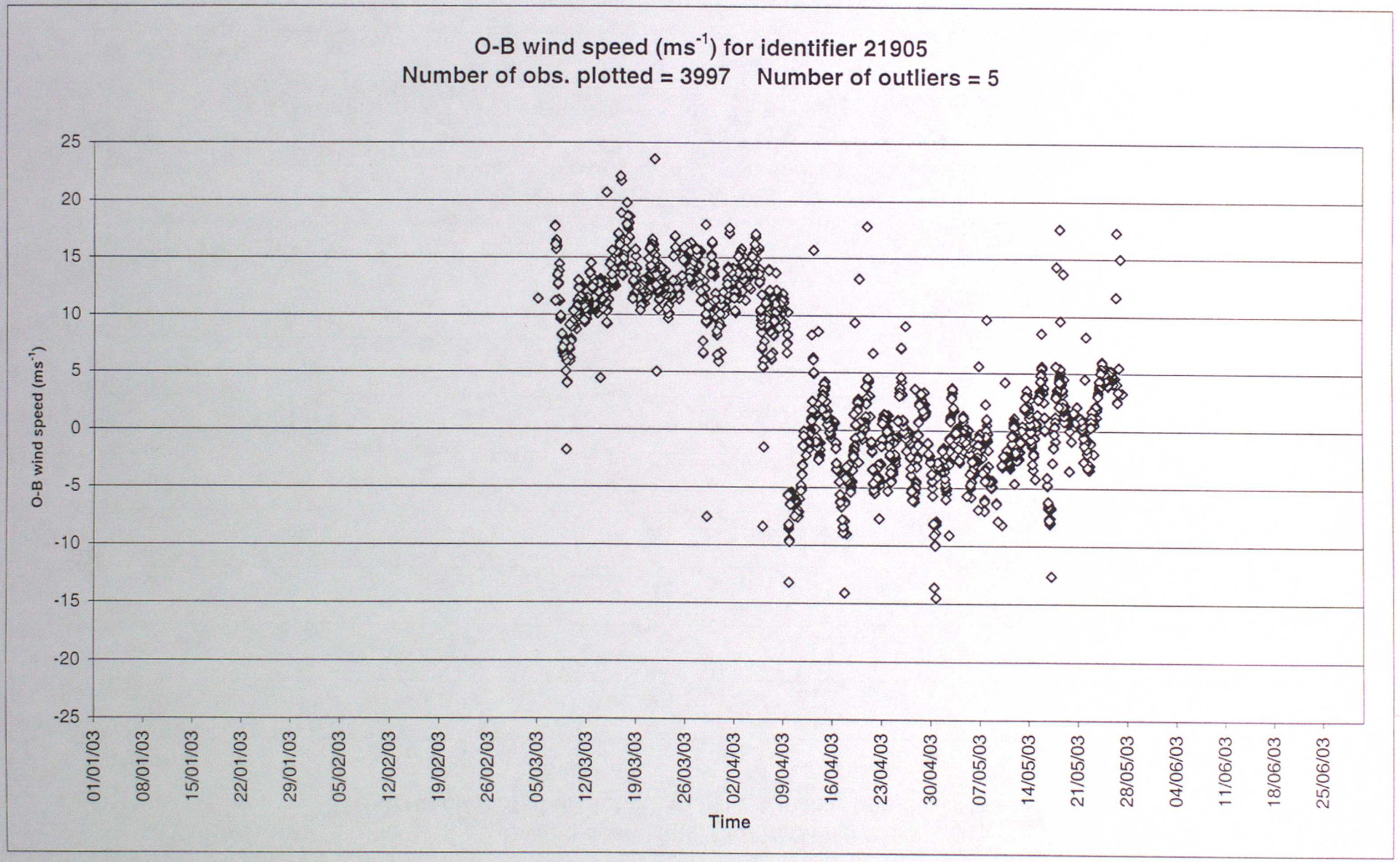

O-B wind speed (ms-1) for identifier ZCBD2
Number of obs. plotted = 134 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

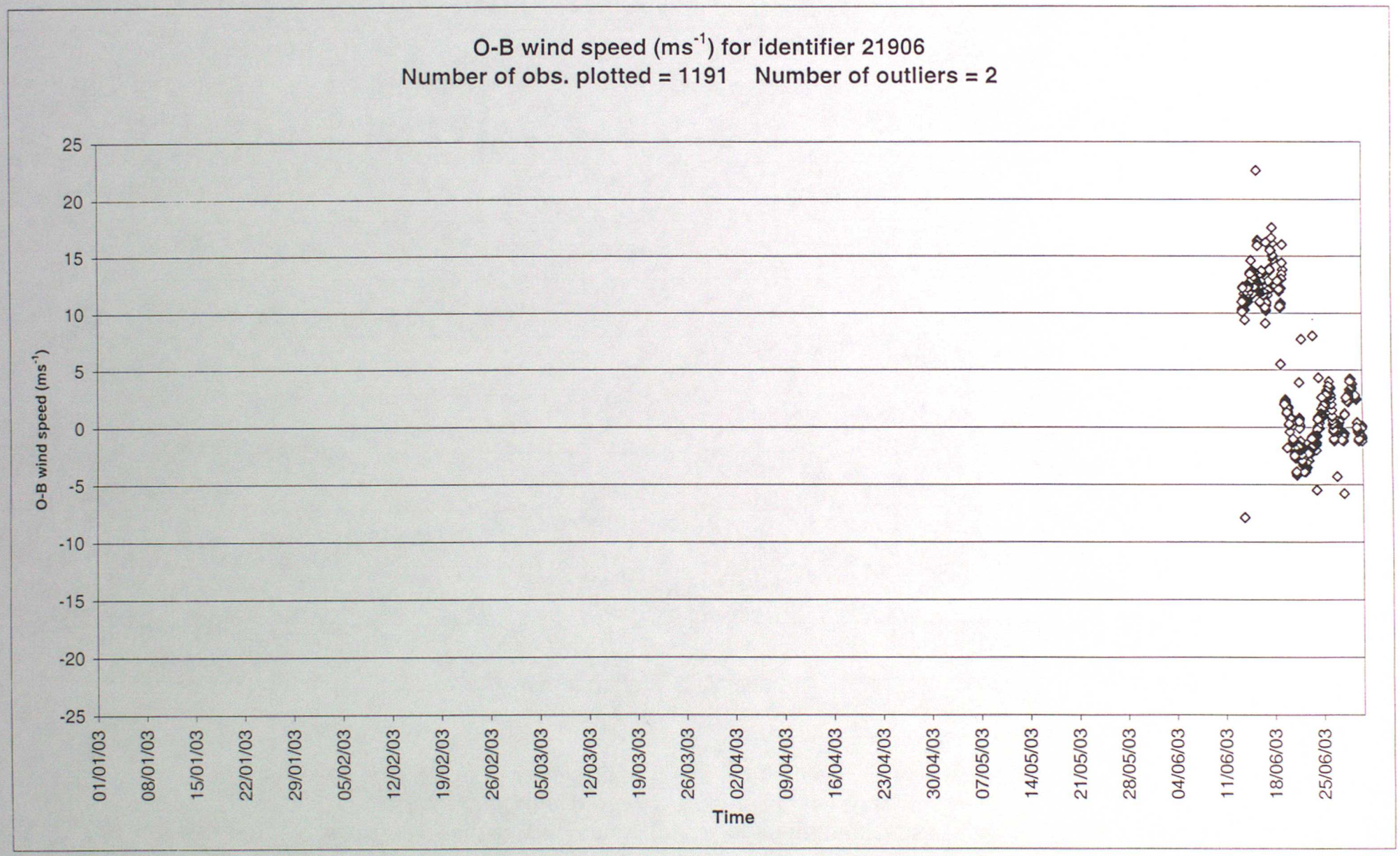

O-B wind speed (ms-1) for identifier ZCDF4
Number of obs. plotted = 42 Number of outliers = 2
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

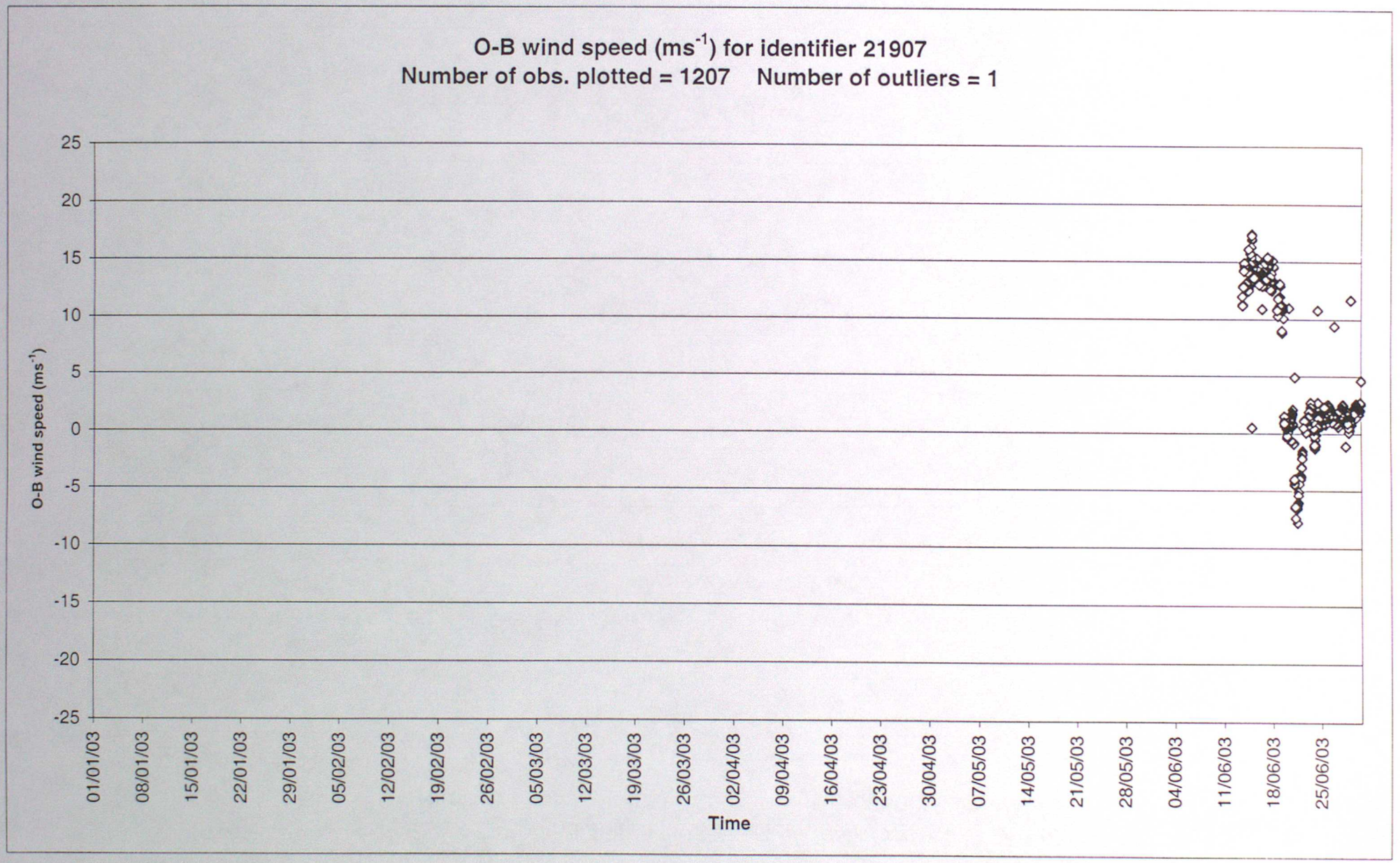

O-B wind speed (ms-1) for identifier 21901
Number of obs. plotted = 1289 Number of outliers = 0
O-B wind speed (ms-1)
50
40
30
20
10
0
-10
-20
-30
-40
-50
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

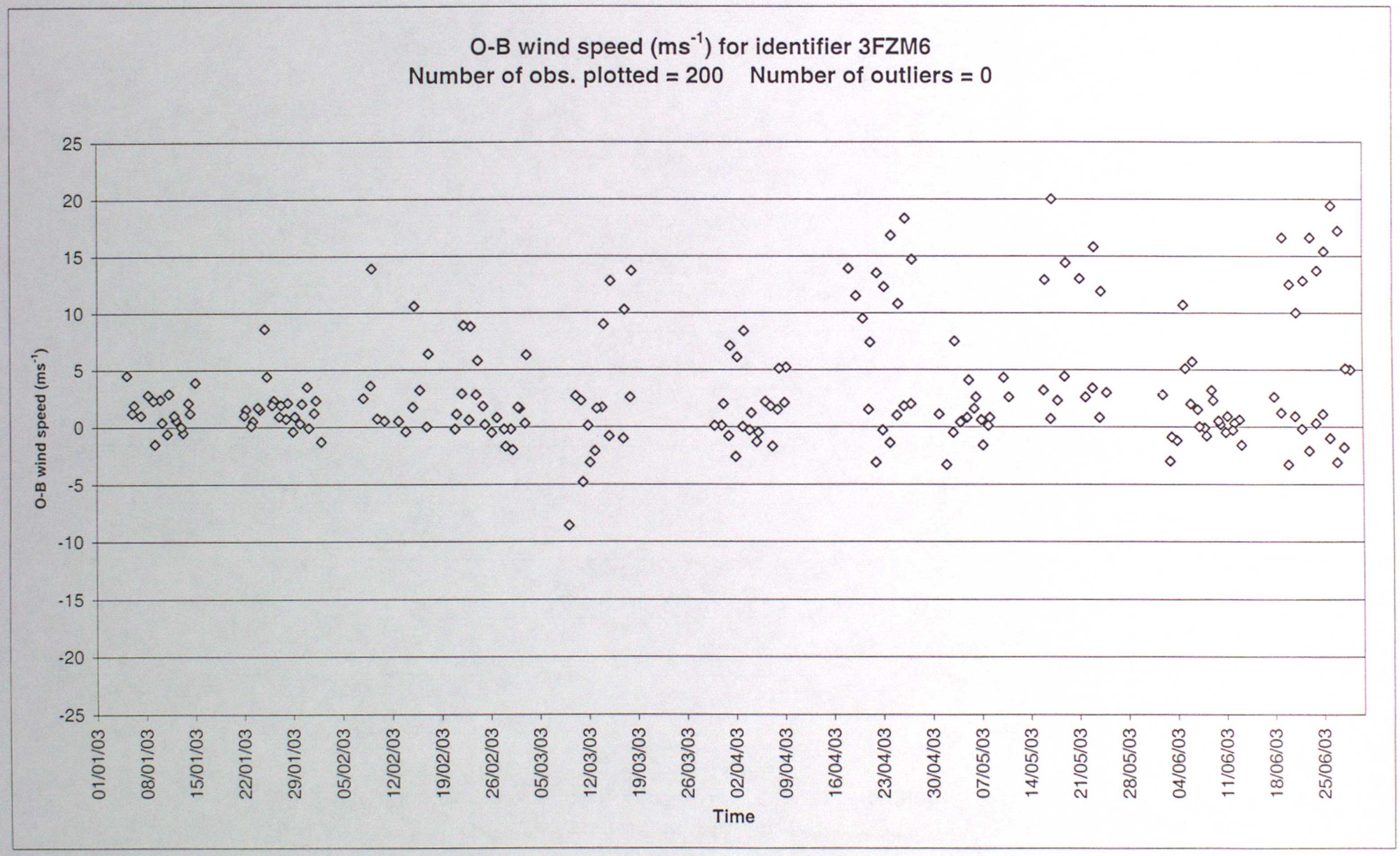
O-B wind speed (ms-1) for identifier 21903
Number of obs. plotted = 3587 Number of outliers = 6
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B wind speed (ms-1) for identifier 21904
Number of obs. plotted = 1131 Number of outliers = 0
O-B wind speed (ms-1)
50
40
30
20
10
0
-10
-20
-30
-40
-50
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

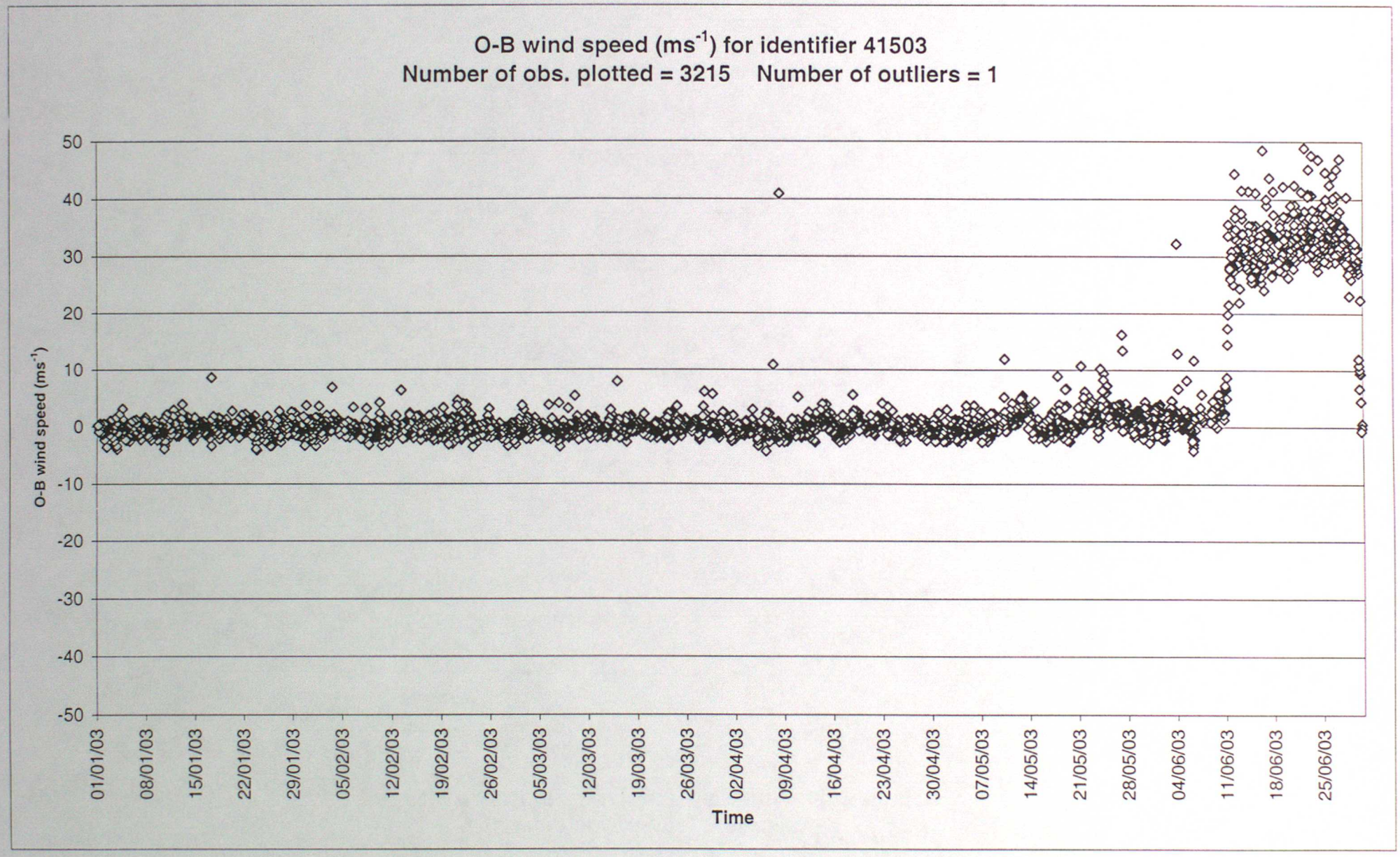

O-B wind speed (ms-1) for identifier 21905
Number of obs. plotted = 3997 Number of outliers = 5
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

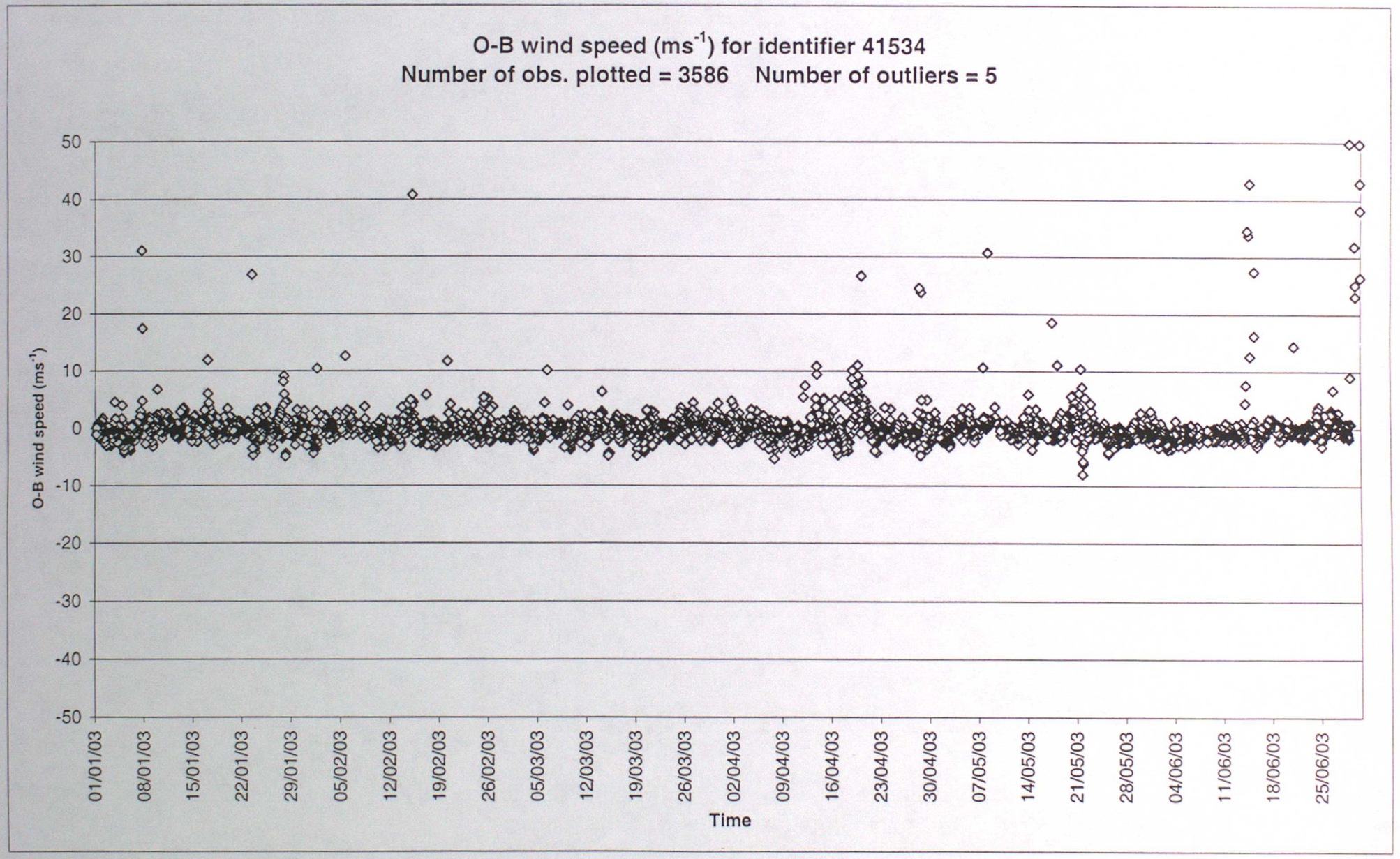

O-B wind speed (ms-1) for identifier 21906
Number of obs. plotted = 1191 Number of outliers = 2
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

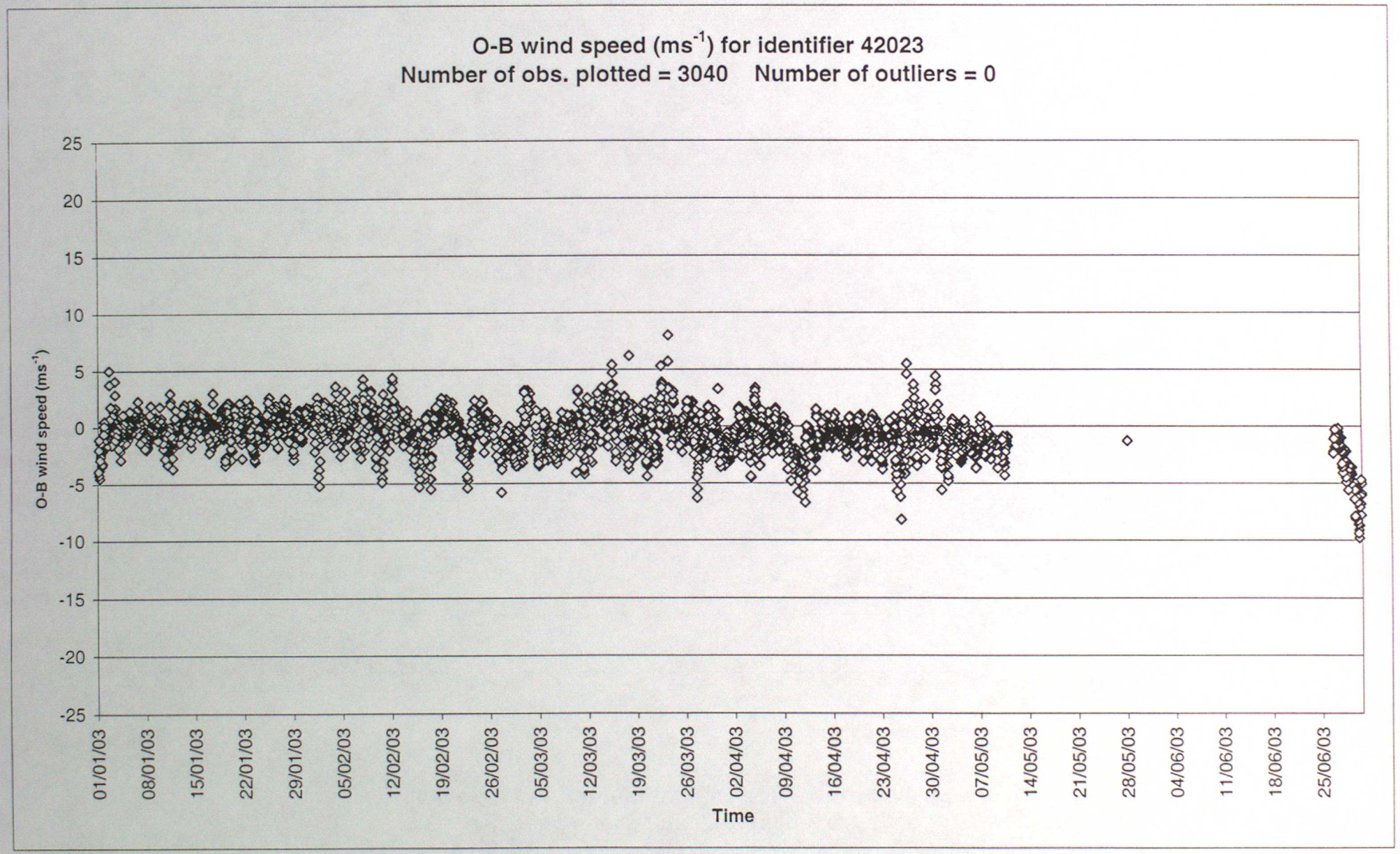

O-B wind speed (ms-1) for identifier 21907
Number of obs. plotted = 1207 Number of outliers = 1
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

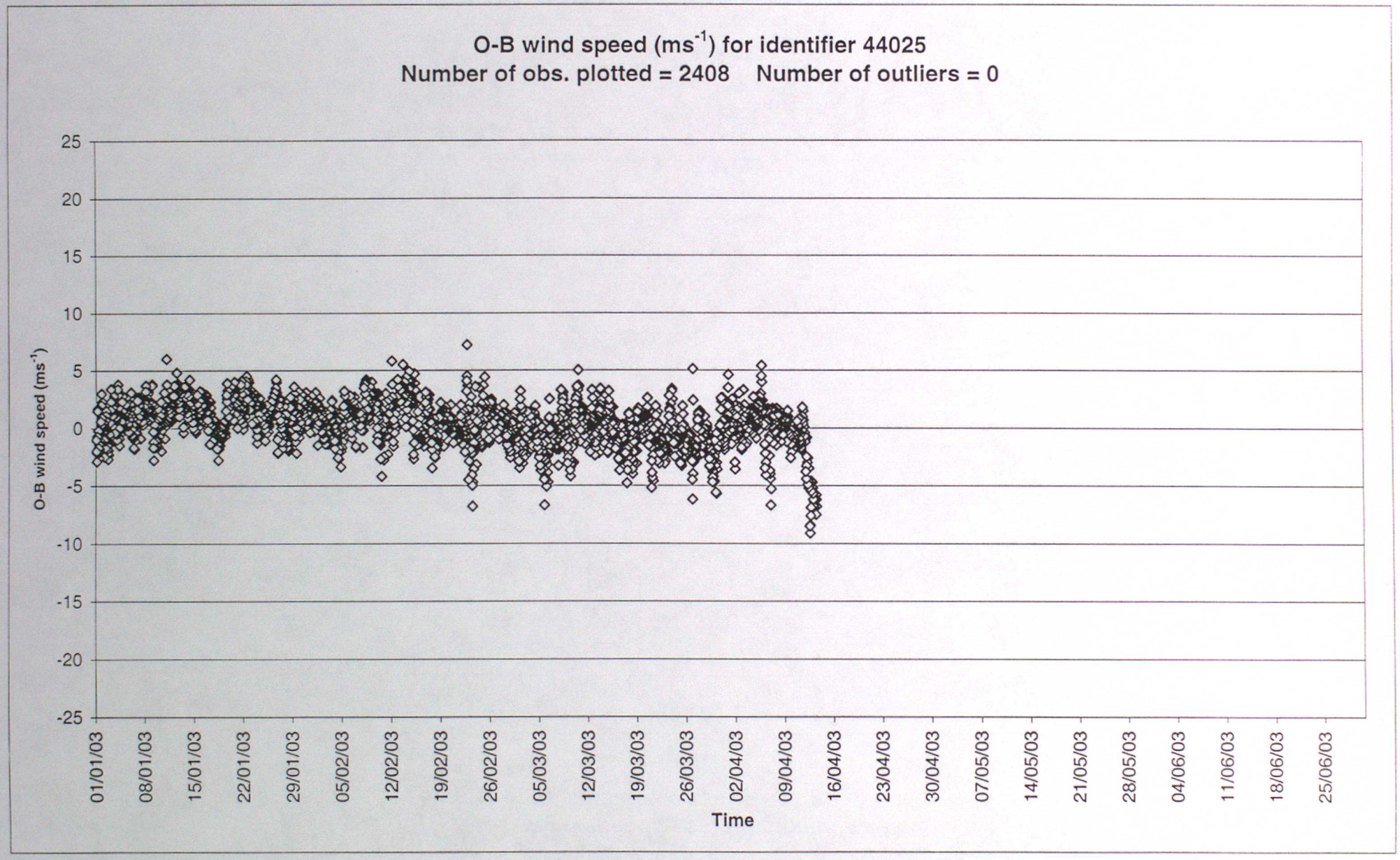

O-B wind speed (ms-1) for identifier 3FZM6
Number of obs. plotted = 200 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B wind speed (ms-1) for identifier 3FZM7
Number of obs. plotted = 56 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind speed (ms-1) for identifier 41503
Number of obs. plotted = 3215 Number of outliers = 1
O-B wind speed (ms-1)
50
40
30
20
10
0
-10
-20
-30
-40
-50
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

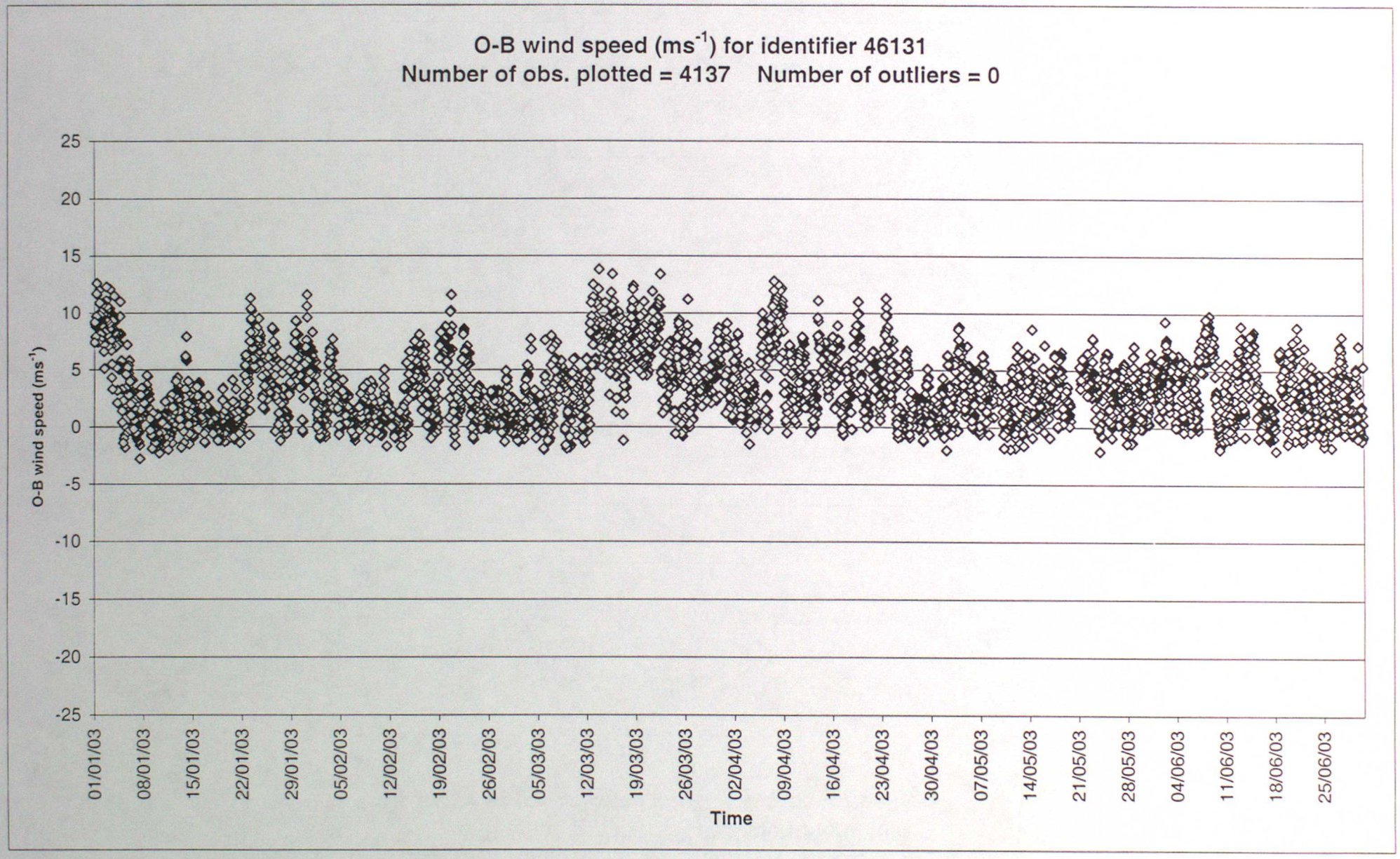

O-B wind speed (ms-1) for identifier 41534
Number of obs. plotted = 3586 Number of outliers = 5
O-B wind speed (ms-1)
50
40
30
20
10
0
-10
-20
-30
-40
-50
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

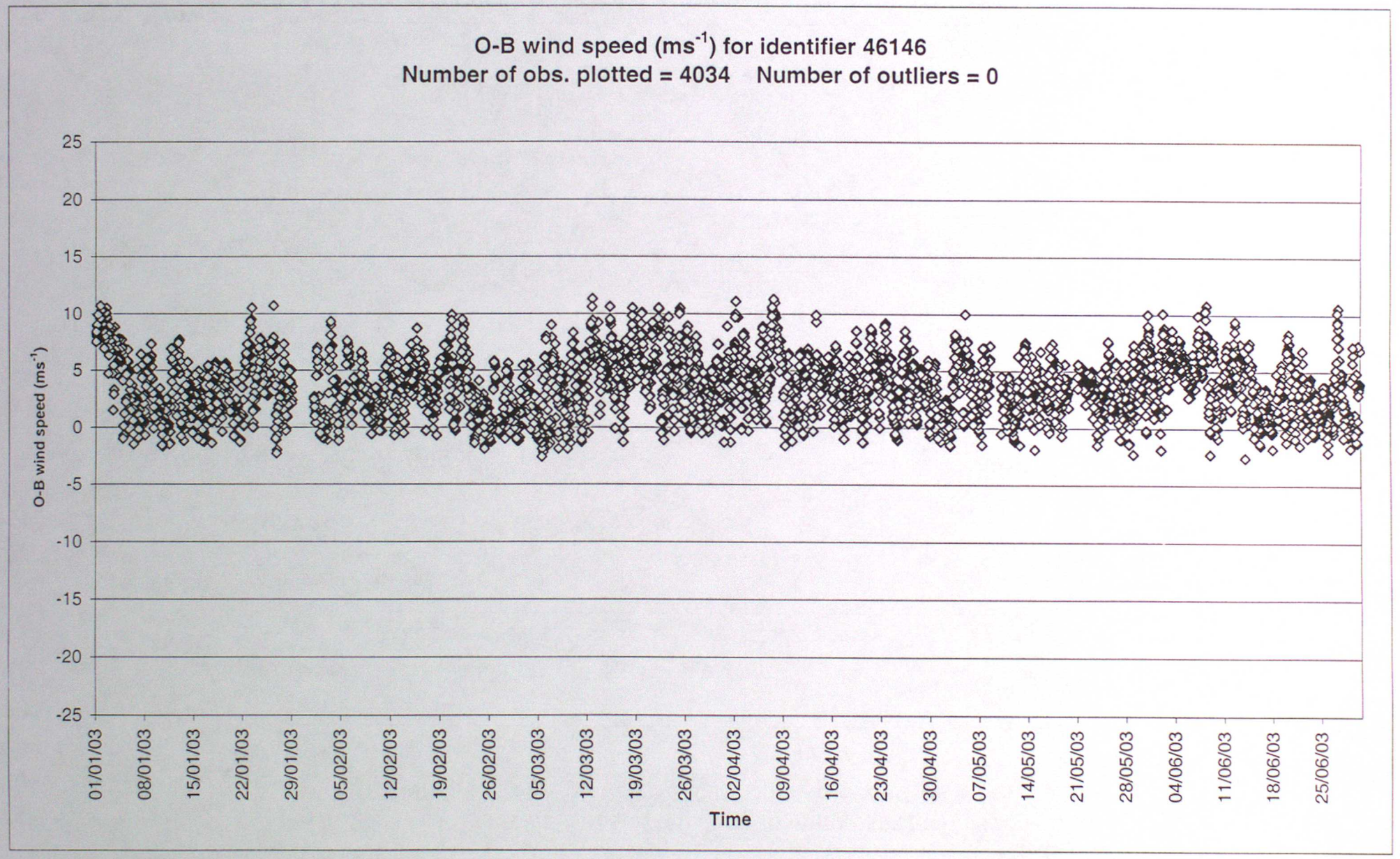

O-B wind speed (ms-1) for identifier 42023
Number of obs. plotted = 3040 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

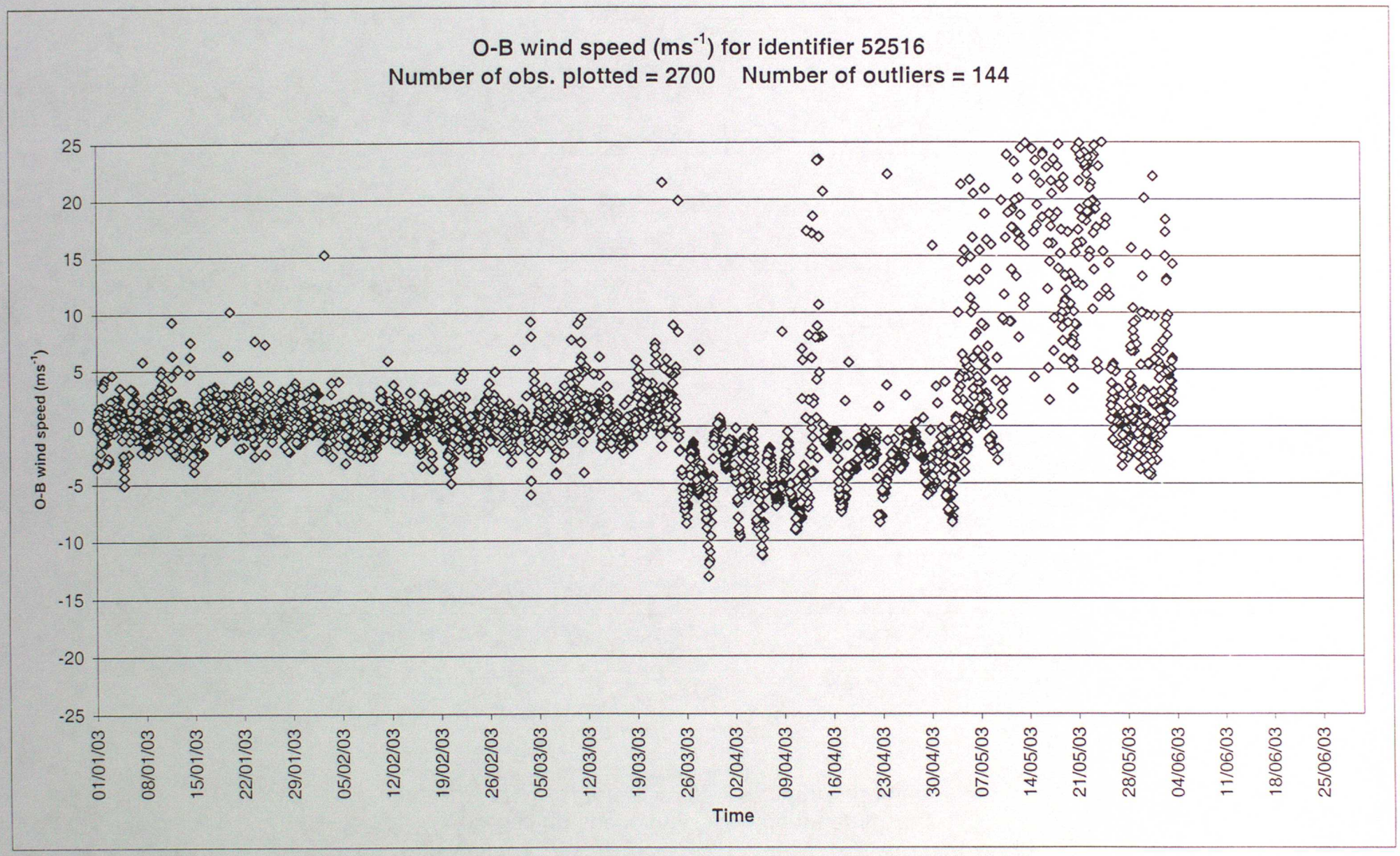

O-B wind speed (ms-1) for identifier 44025
Number of obs. plotted = 2408 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B wind speed (ms-1) for identifier 44145
Number of obs. plotted = 134 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

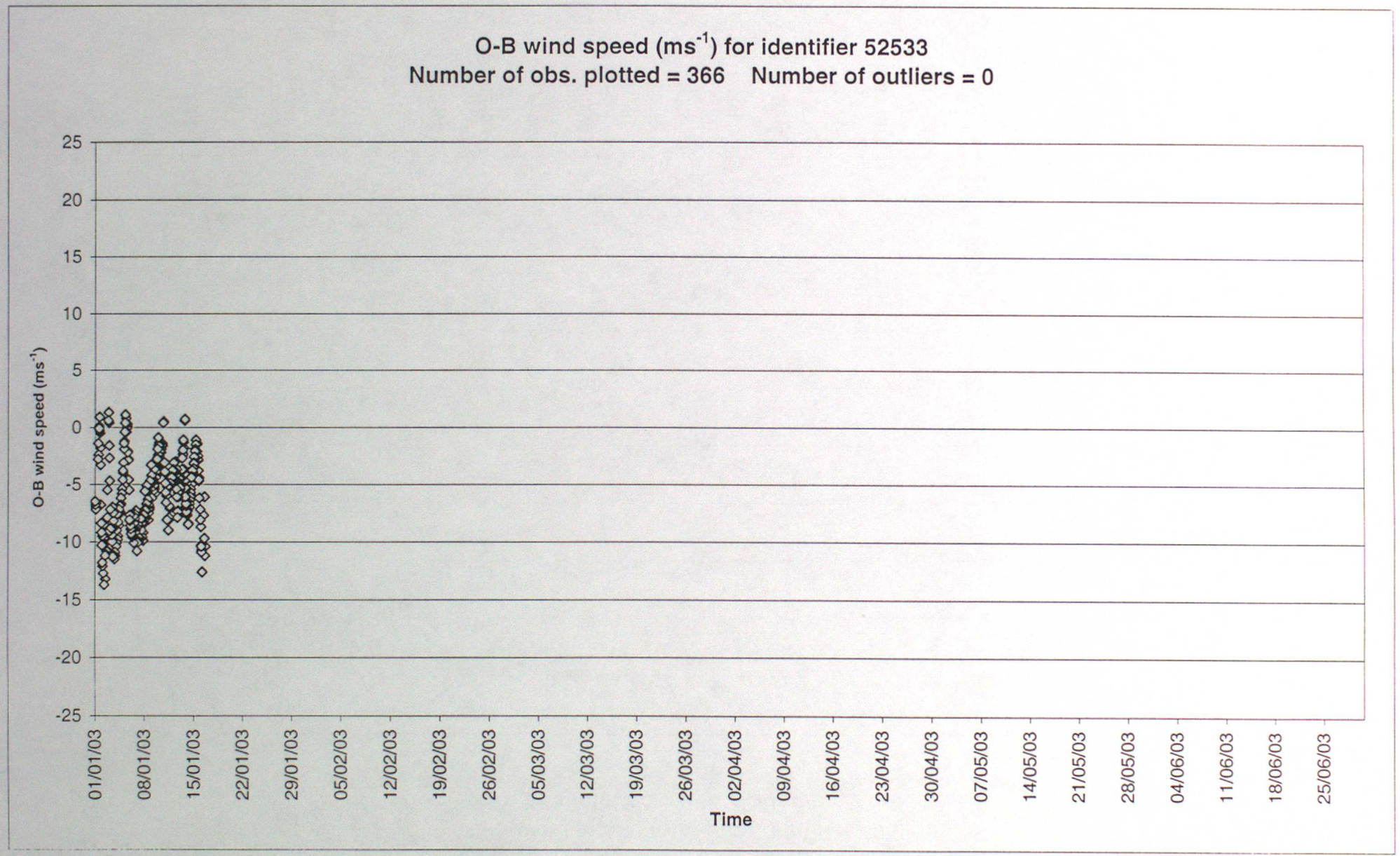
O-B wind speed (ms-1) for identifier 44602
Number of obs. plotted = 950 Number of outliers = 0
O-B wind speed (ms-1)
50
40
30
20
10
0
-10
-20
-30
-40
-50
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

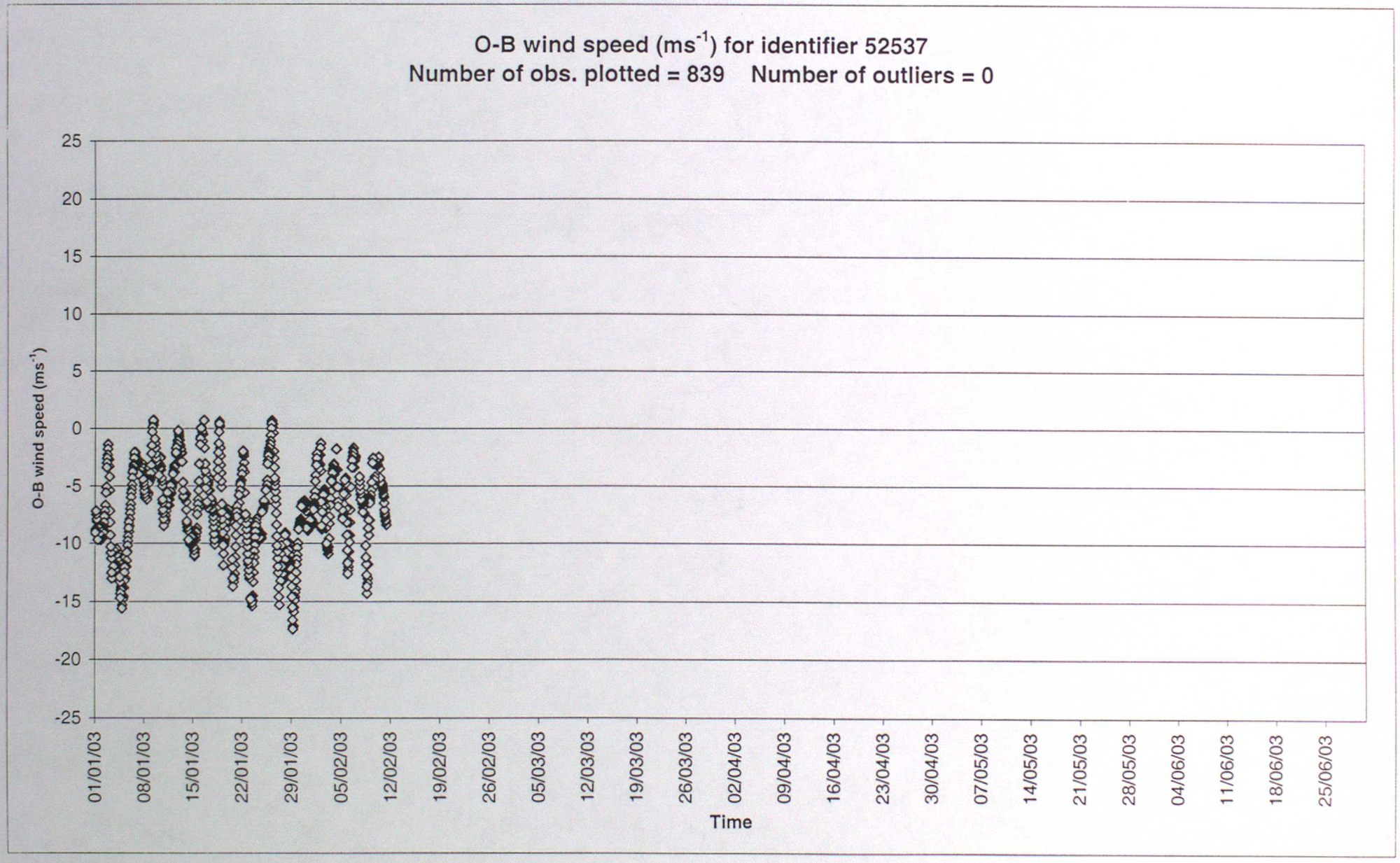

O-B wind speed (ms-1) for identifier 46131
Number of obs. plotted = 4137 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind speed (ms-1) for identifier 46146
Number of obs. plotted = 4034 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind speed (ms-1) for identifier 52516
Number of obs. plotted = 2700 Number of outliers = 144
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

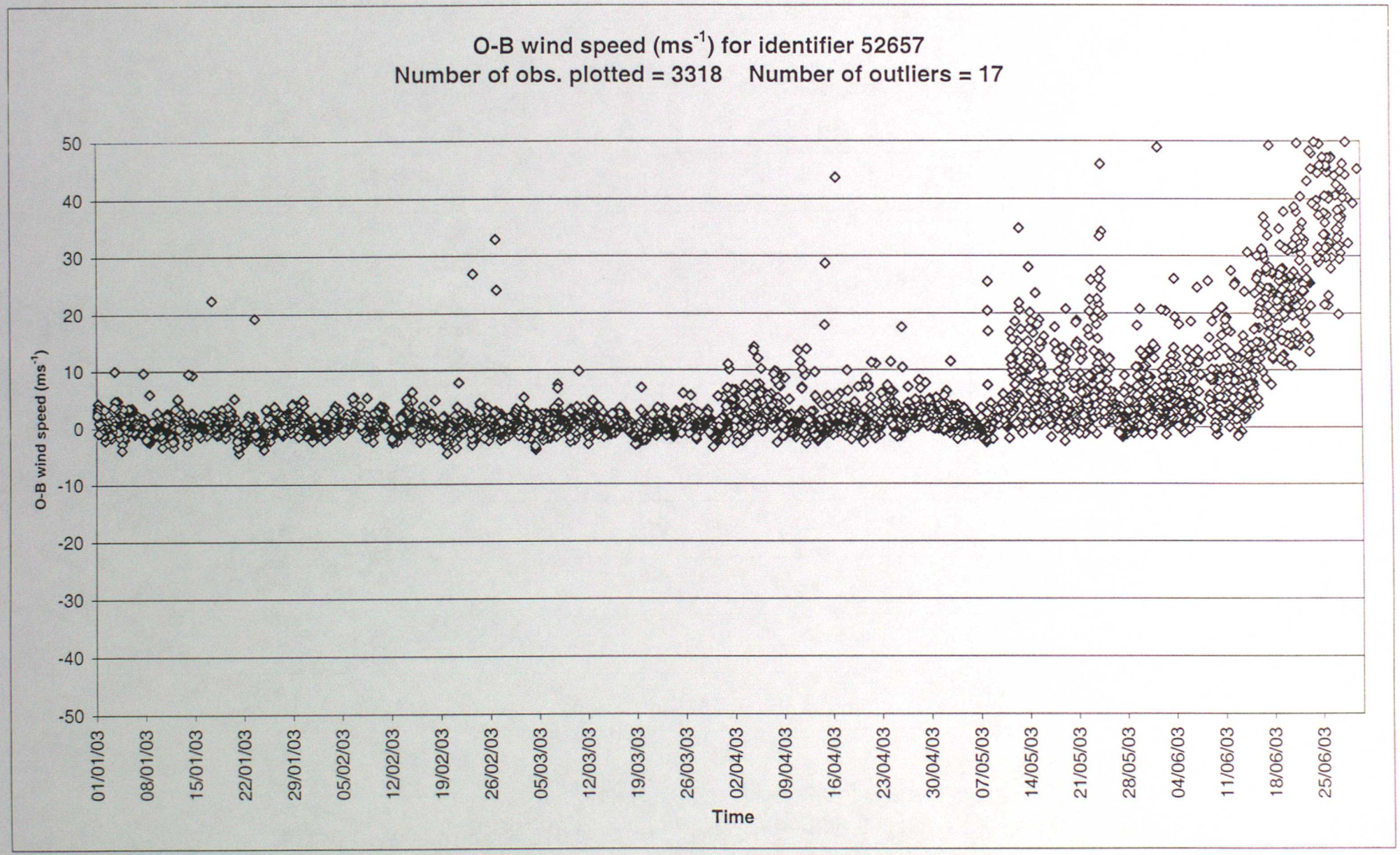
O-B wind speed (ms-1) for identifier 52521
Number of obs. plotted = 236 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind speed (ms-1) for identifier 52533
Number of obs. plotted = 366 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

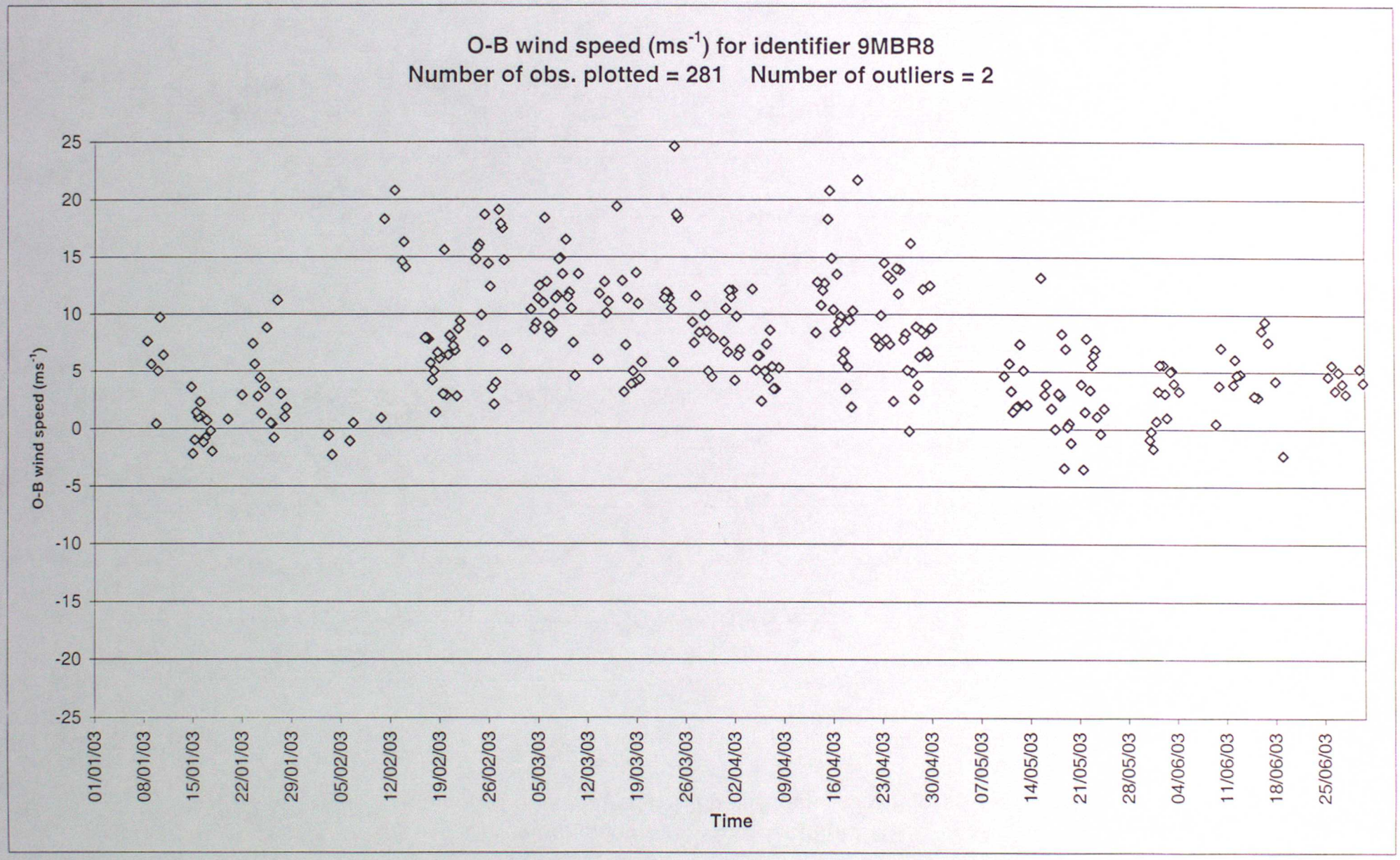

O-B wind speed (ms-1) for identifier 52537
Number of obs. plotted = 839 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B wind speed (ms-1) for identifier 52643
Number of obs. plotted = 861 Number of outliers = 47
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

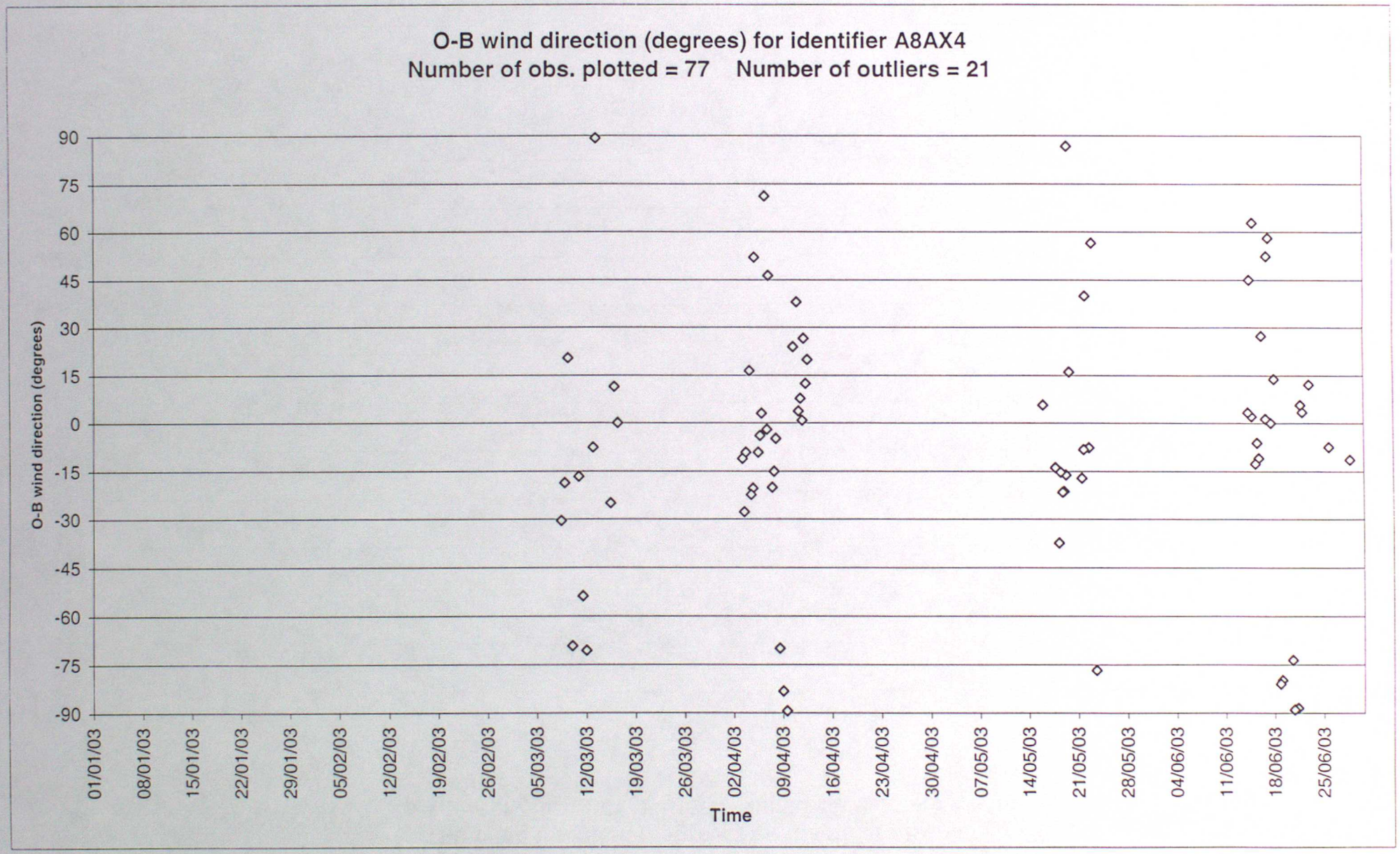
O-B wind speed (ms-1) for identifier 52648
Number of obs. plotted = 753 Number of outliers = 7
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

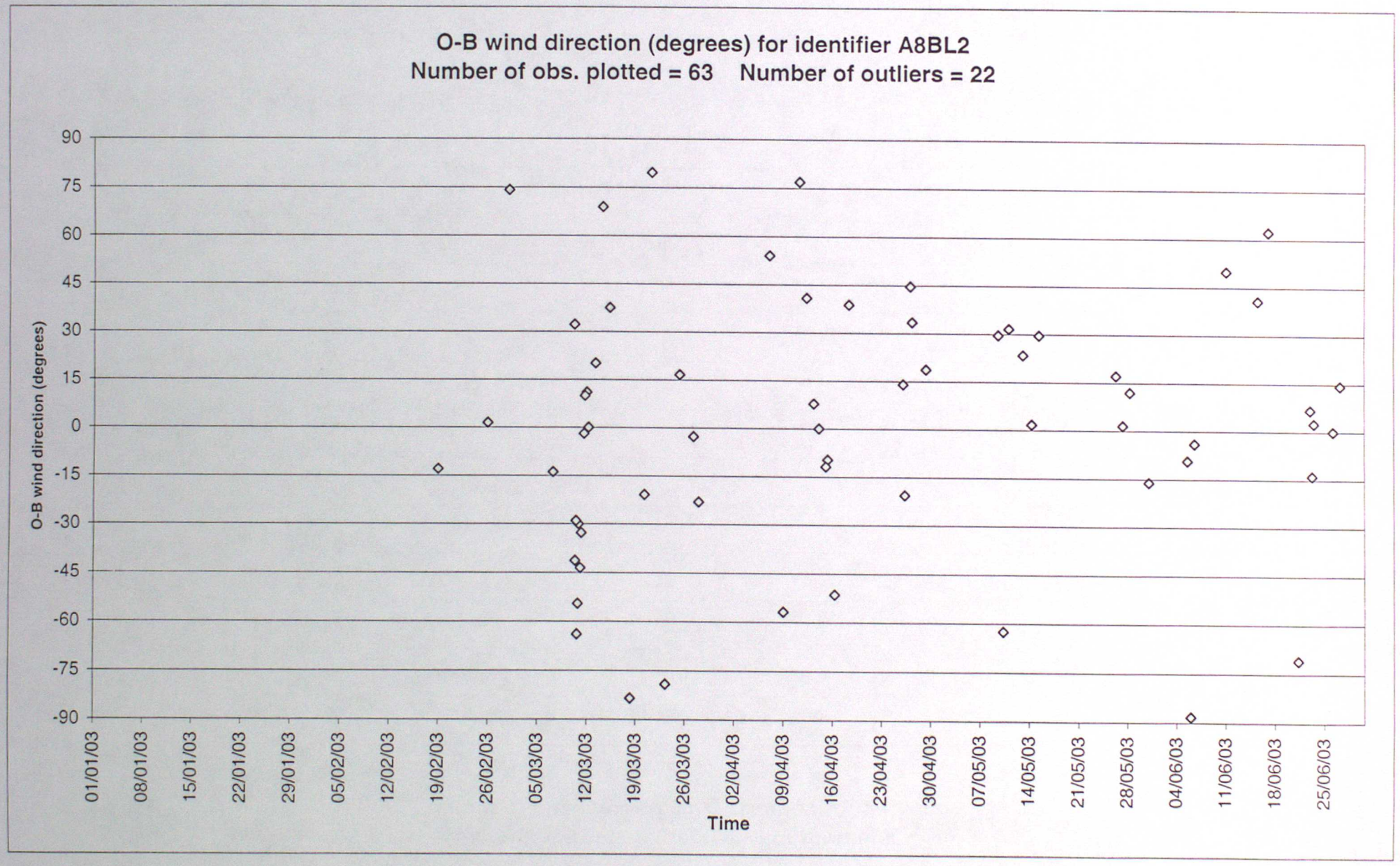

O-B wind speed (ms-1) for identifier 52657
Number of obs. plotted = 3318 Number of outliers = 17
O-B wind speed (ms-1)
50
40
30
20
10
0
-10
-20
-30
-40
-50
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

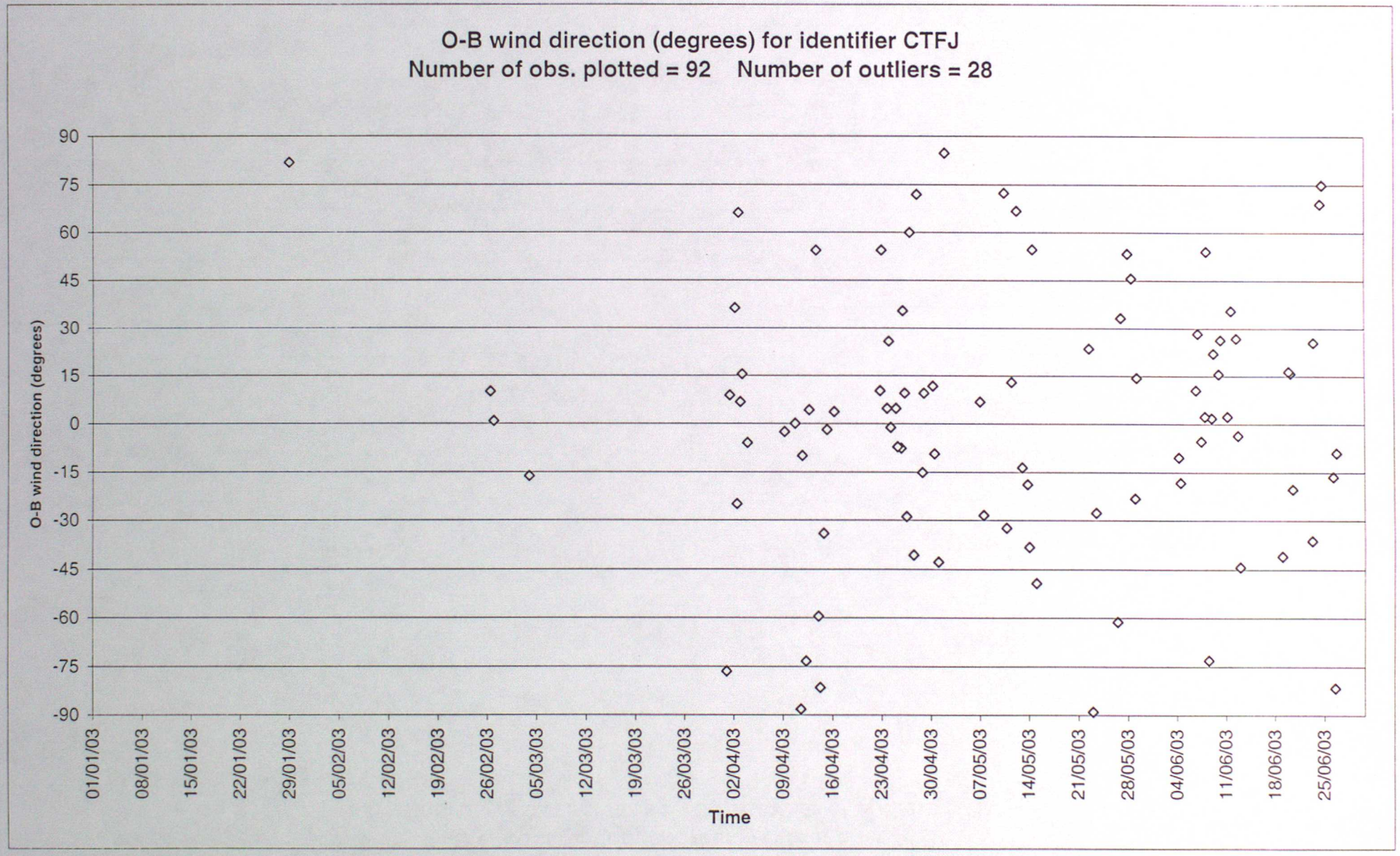
O-B wind speed (ms-1) for identifier 64046
Number of obs. plotted = 1060 Number of outliers = 5
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind speed (ms-1) for identifier 9MBR8
Number of obs. plotted = 281 Number of outliers = 2
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

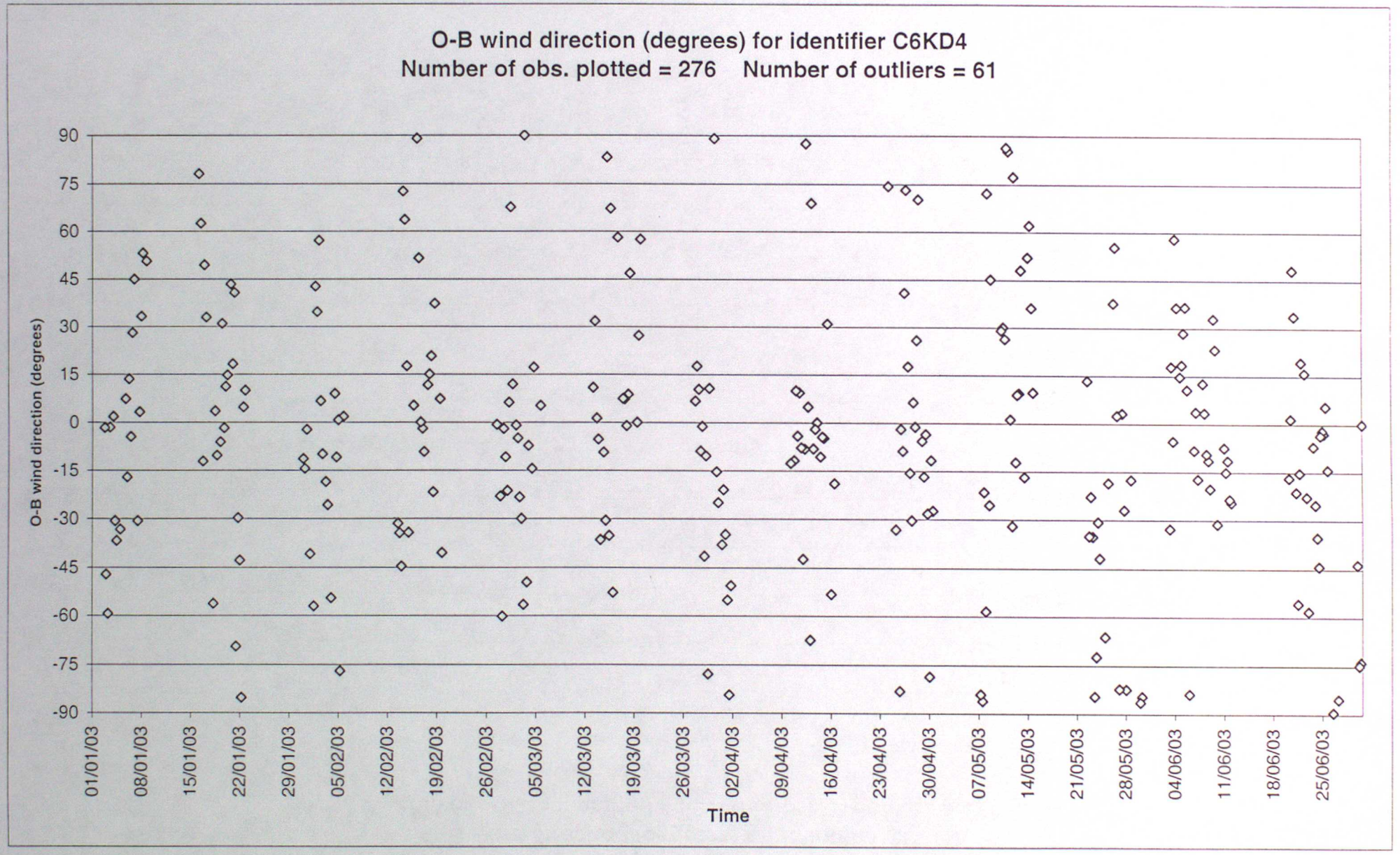
O-B wind direction (degrees) for identifier A8AA4
Number of obs. plotted = 136 Number of outliers = 35
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

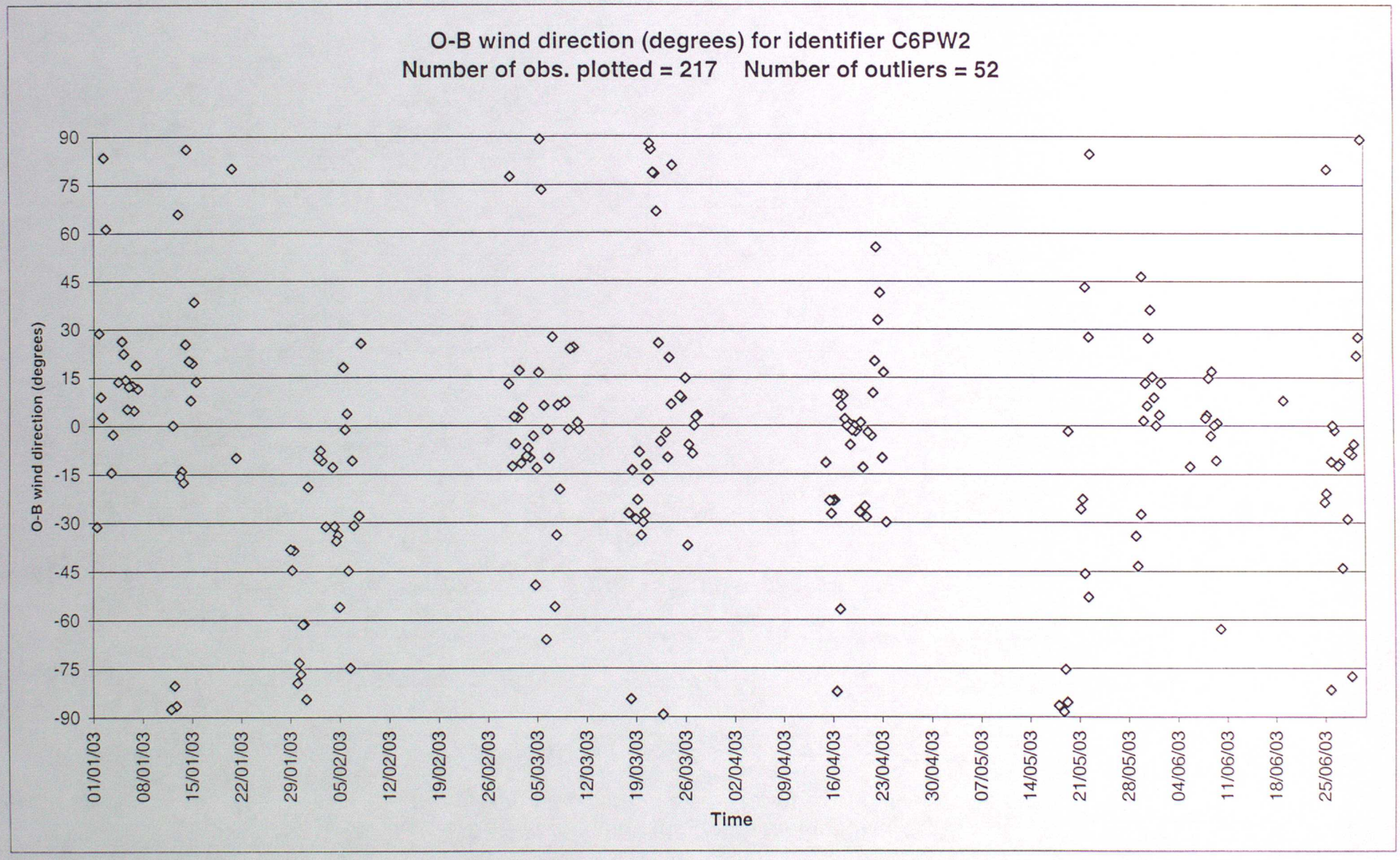

O-B wind direction (degrees) for identifier A8AX4
Number of obs. plotted = 77 Number of outliers = 21
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

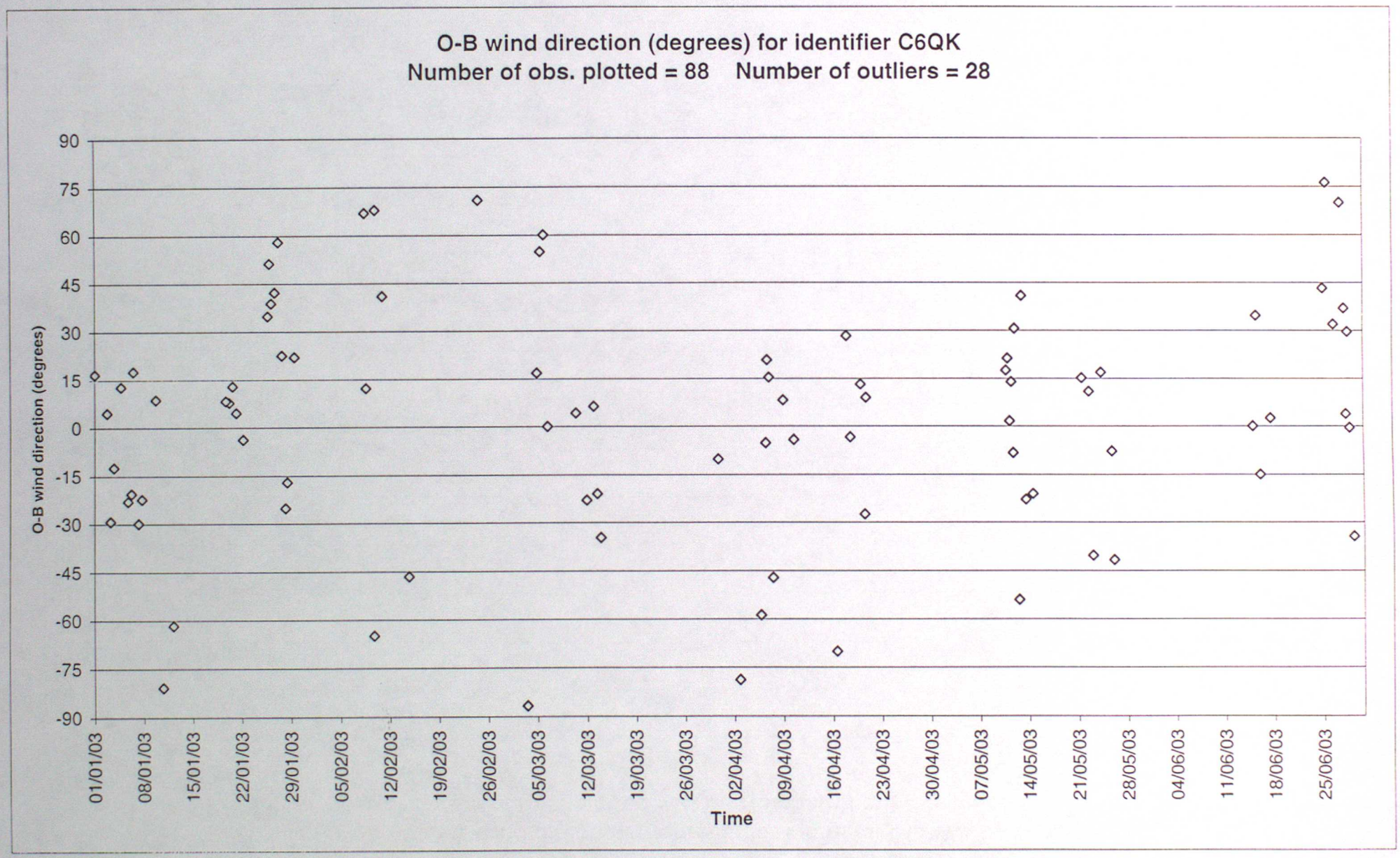

O-B wind direction (degrees) for identifier A8BL2
Number of obs. plotted = 63 Number of outliers = 22
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

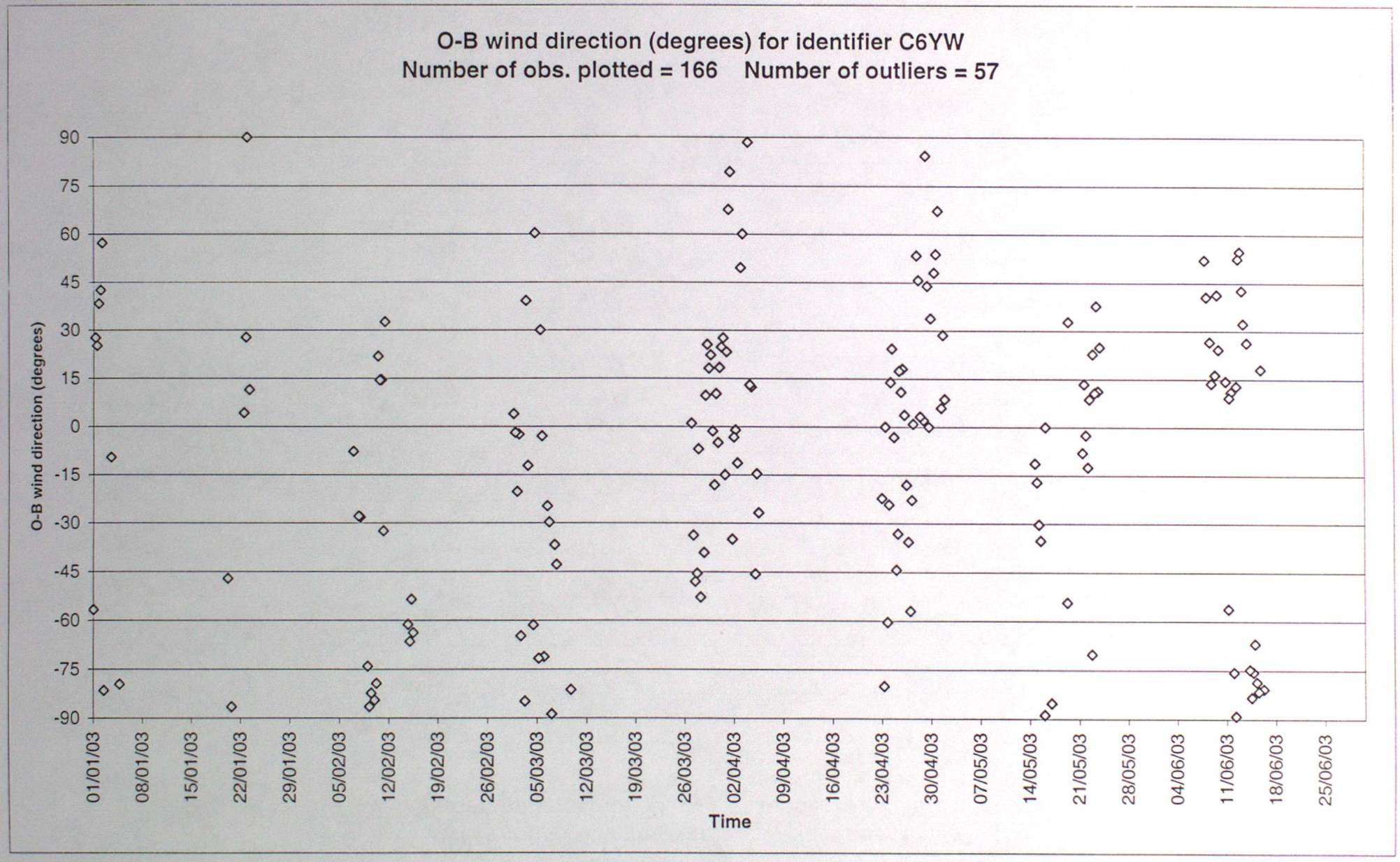

O-B wind direction (degrees) for identifier CTFJ
Number of obs. plotted = 92 Number of outliers = 28
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

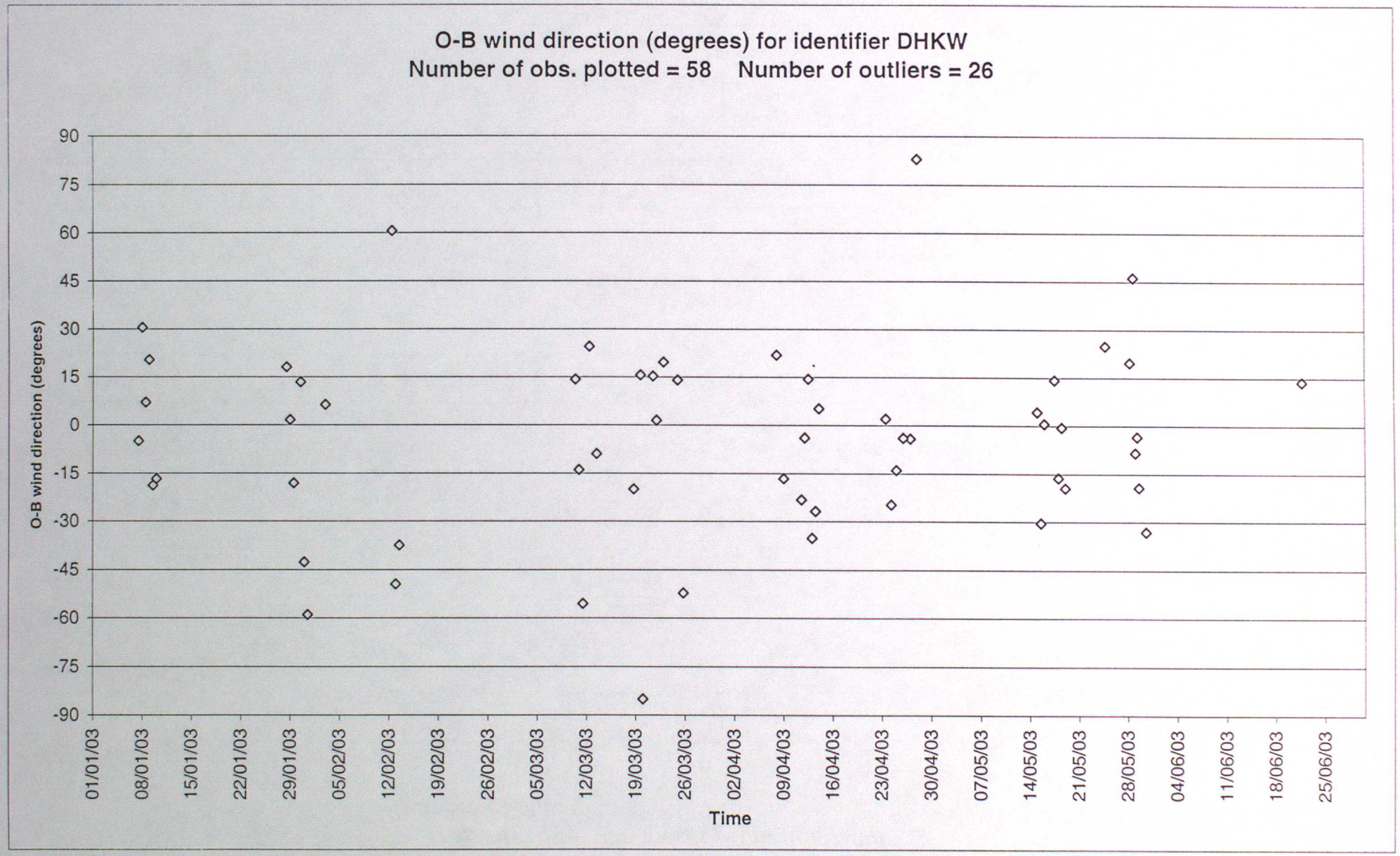
O-B wind direction (degrees) for identifier C6CM7
Number of obs. plotted = 56 Number of outliers = 17
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

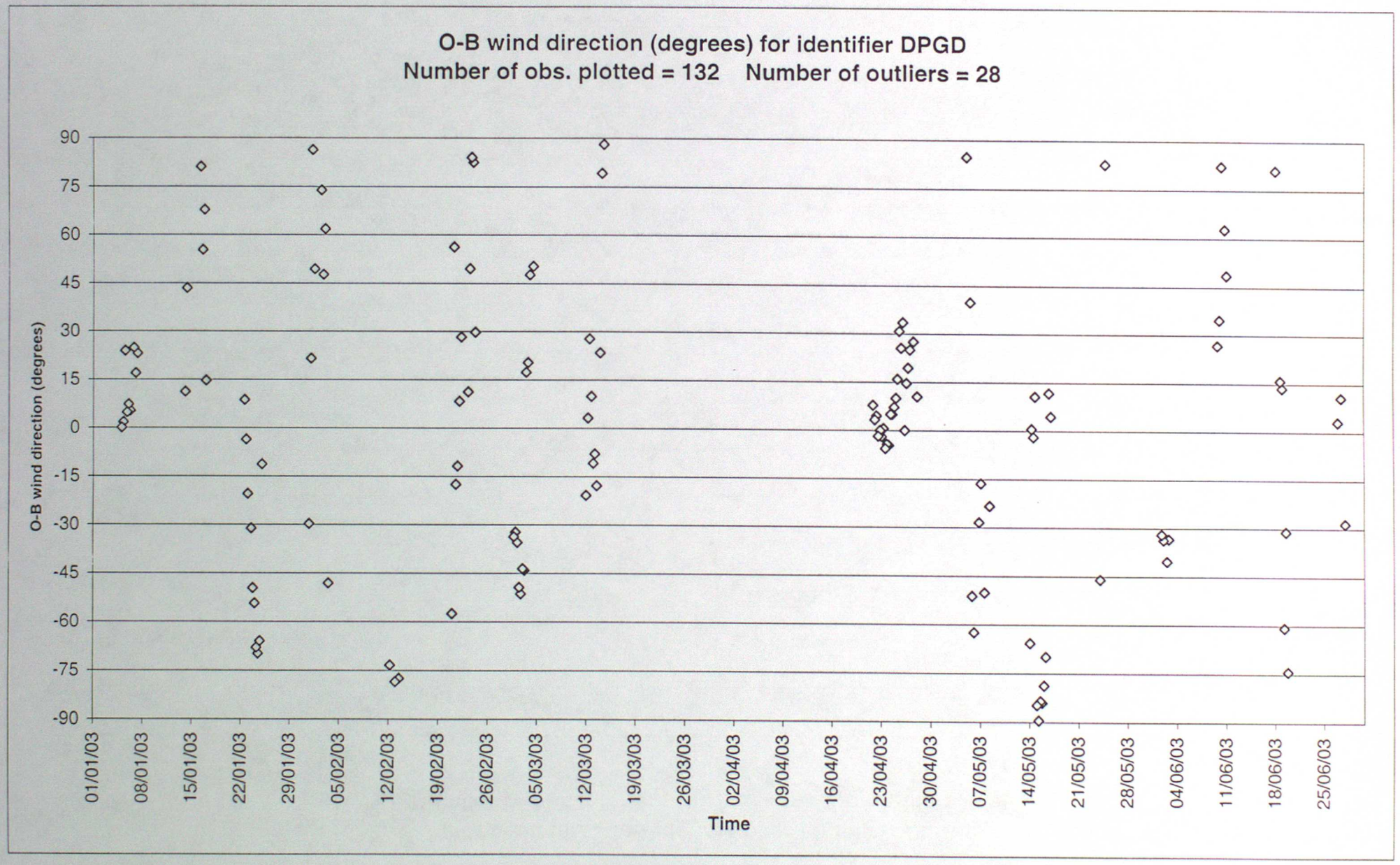

O-B wind direction (degrees) for identifier C6KD4
Number of obs. plotted = 276 Number of outliers = 61
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

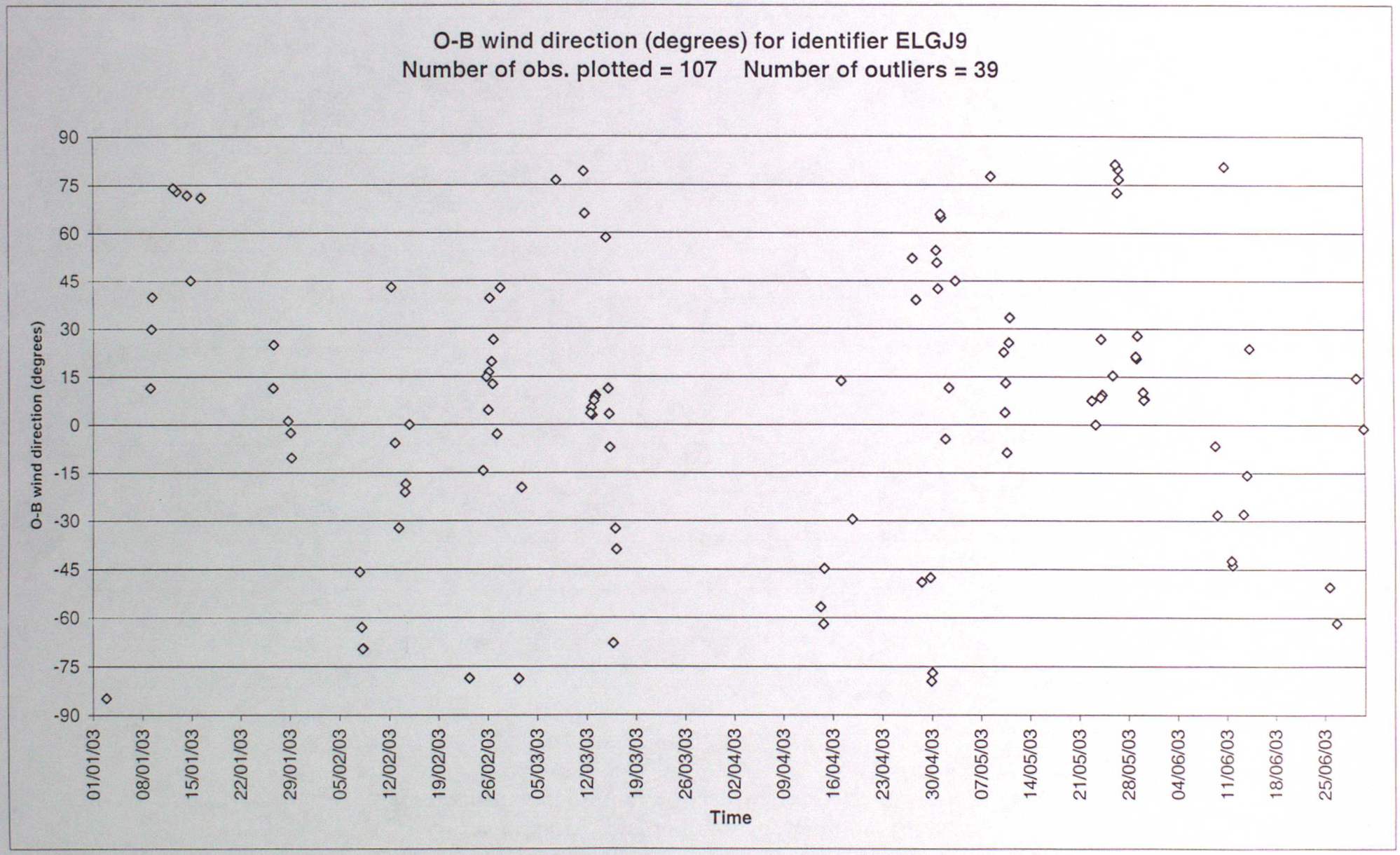

O-B wind direction (degrees) for identifier C6PW2
Number of obs. plotted = 217 Number of outliers = 52
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

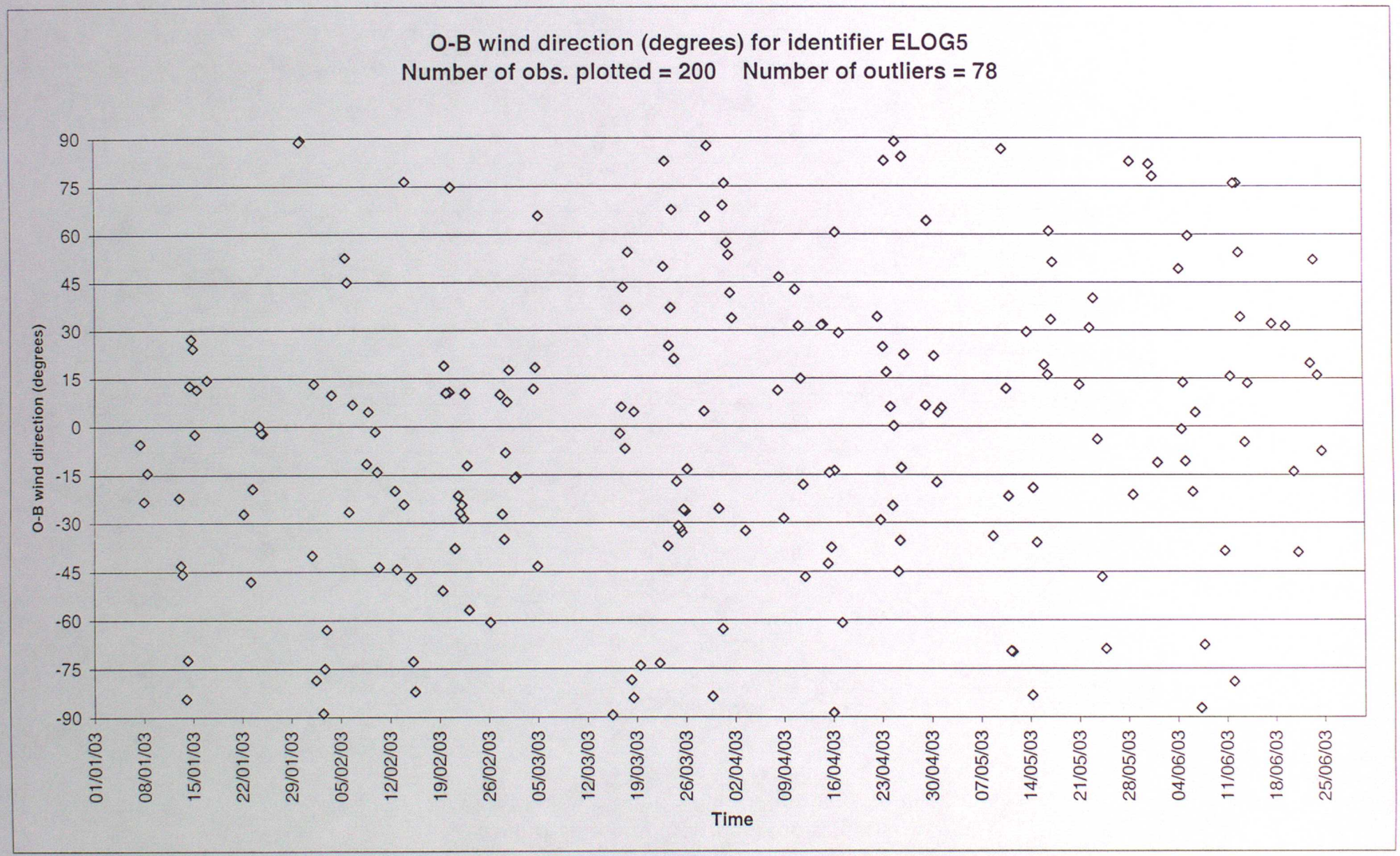

O-B wind direction (degrees) for identifier C6QK
Number of obs. plotted = 88 Number of outliers = 28
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

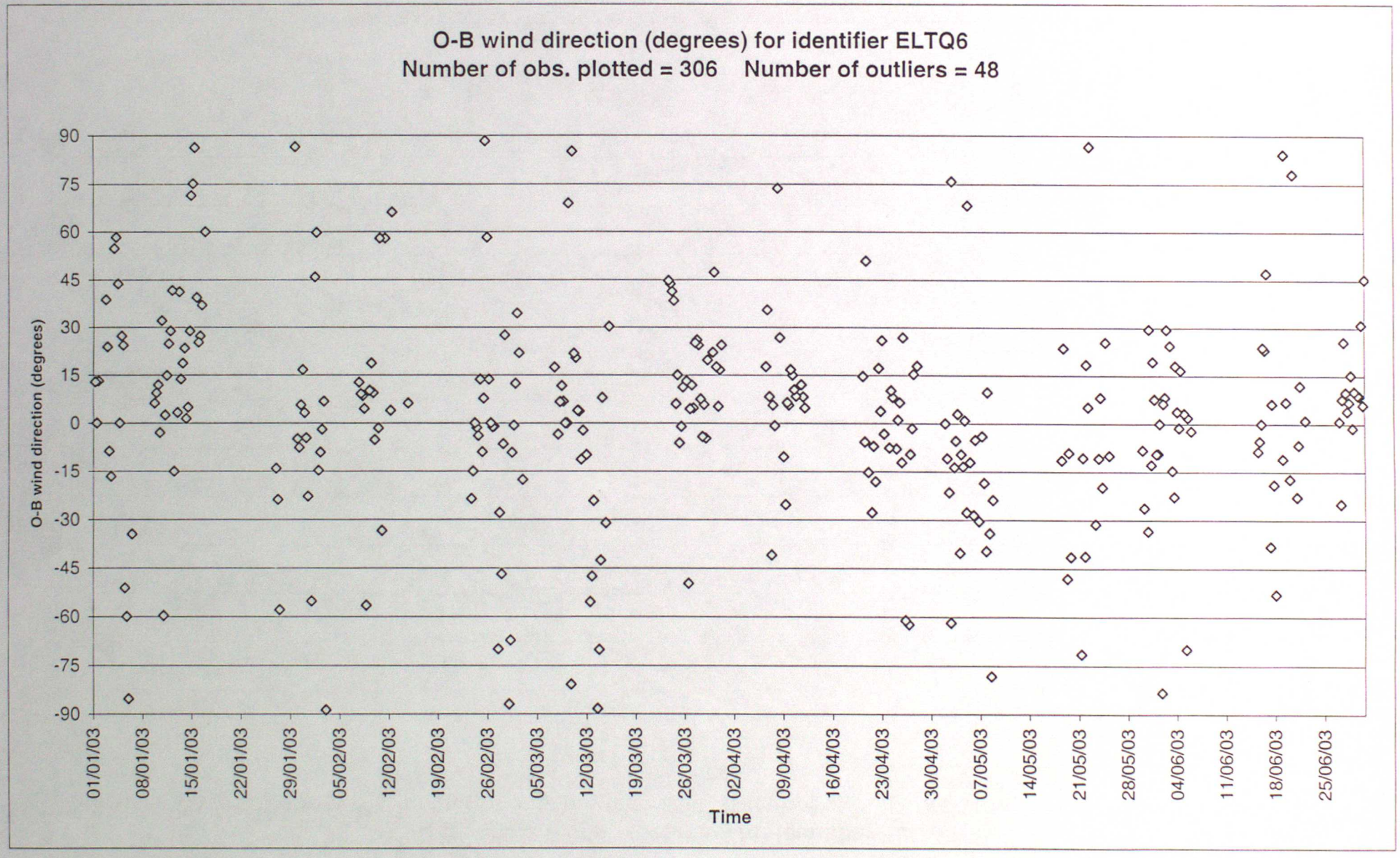

O-B wind direction (degrees) for identifier C6YW
Number of obs. plotted = 166 Number of outliers = 57
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

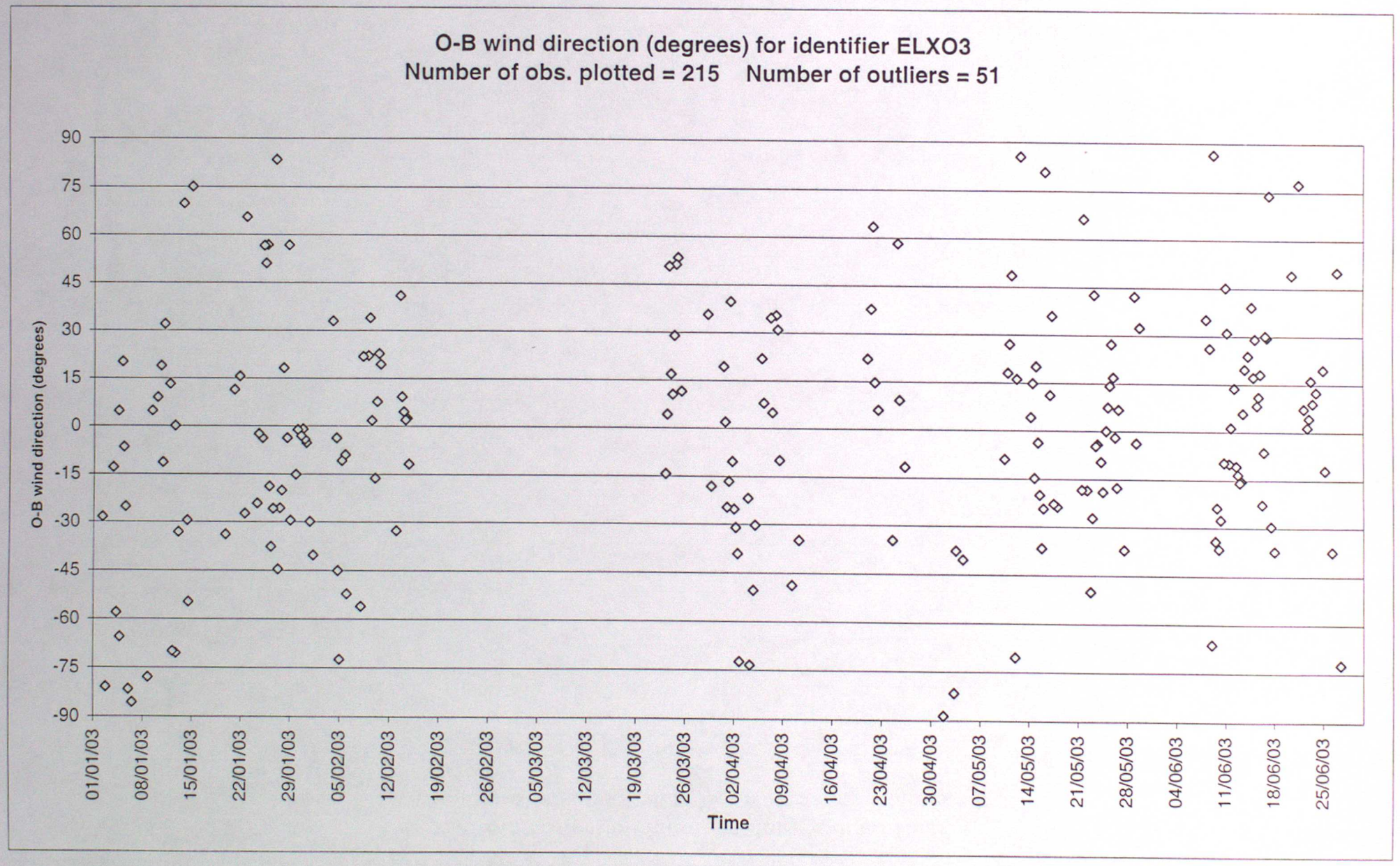

O-B wind direction (degrees) for identifier DHKW
Number of obs. plotted = 58 Number of outliers = 26
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

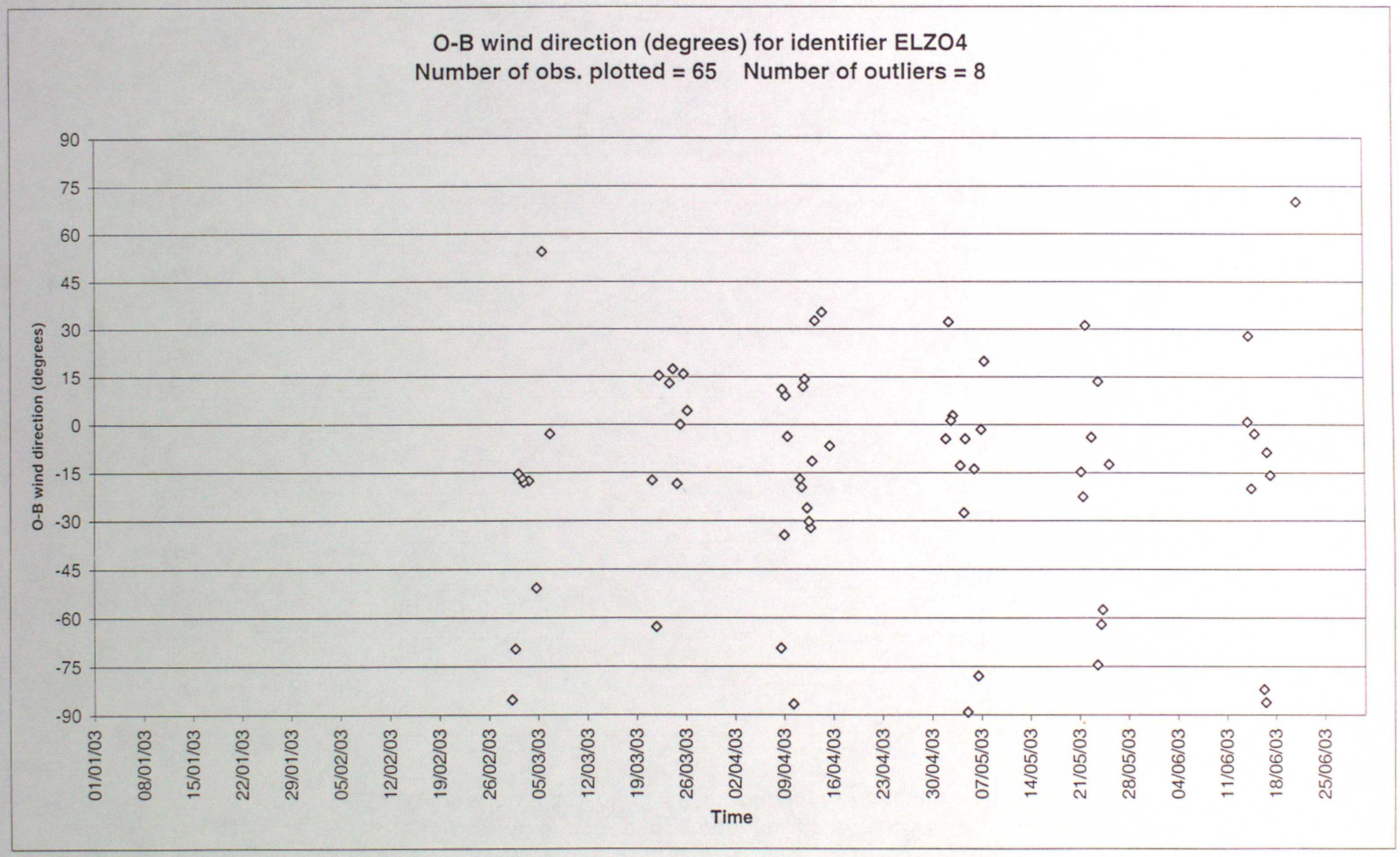

O-B wind direction (degrees) for identifier DPGD
Number of obs. plotted = 132 Number of outliers = 28
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

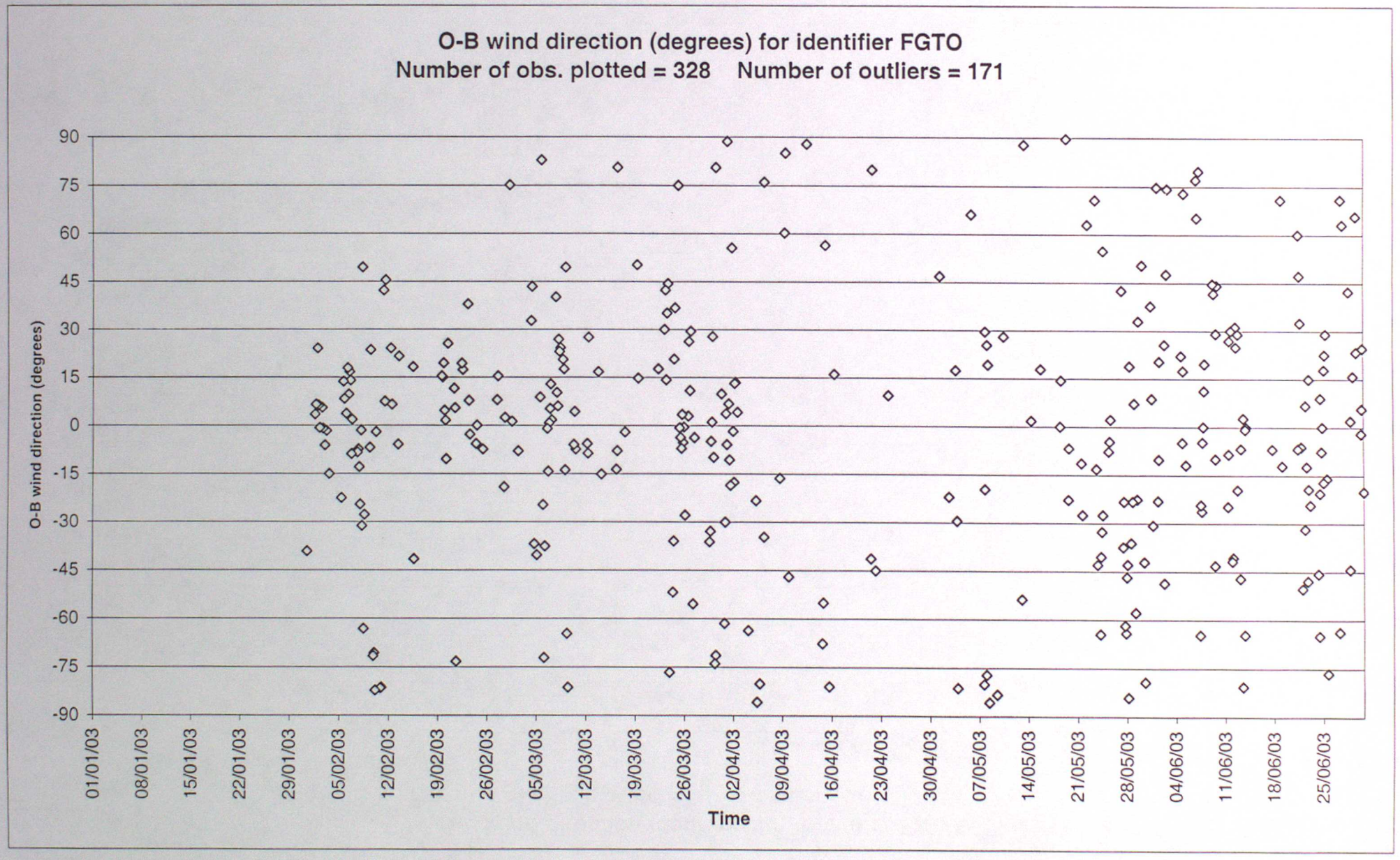

O-B wind direction (degrees) for identifier ELGJ9
Number of obs. plotted = 107 Number of outliers = 39
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

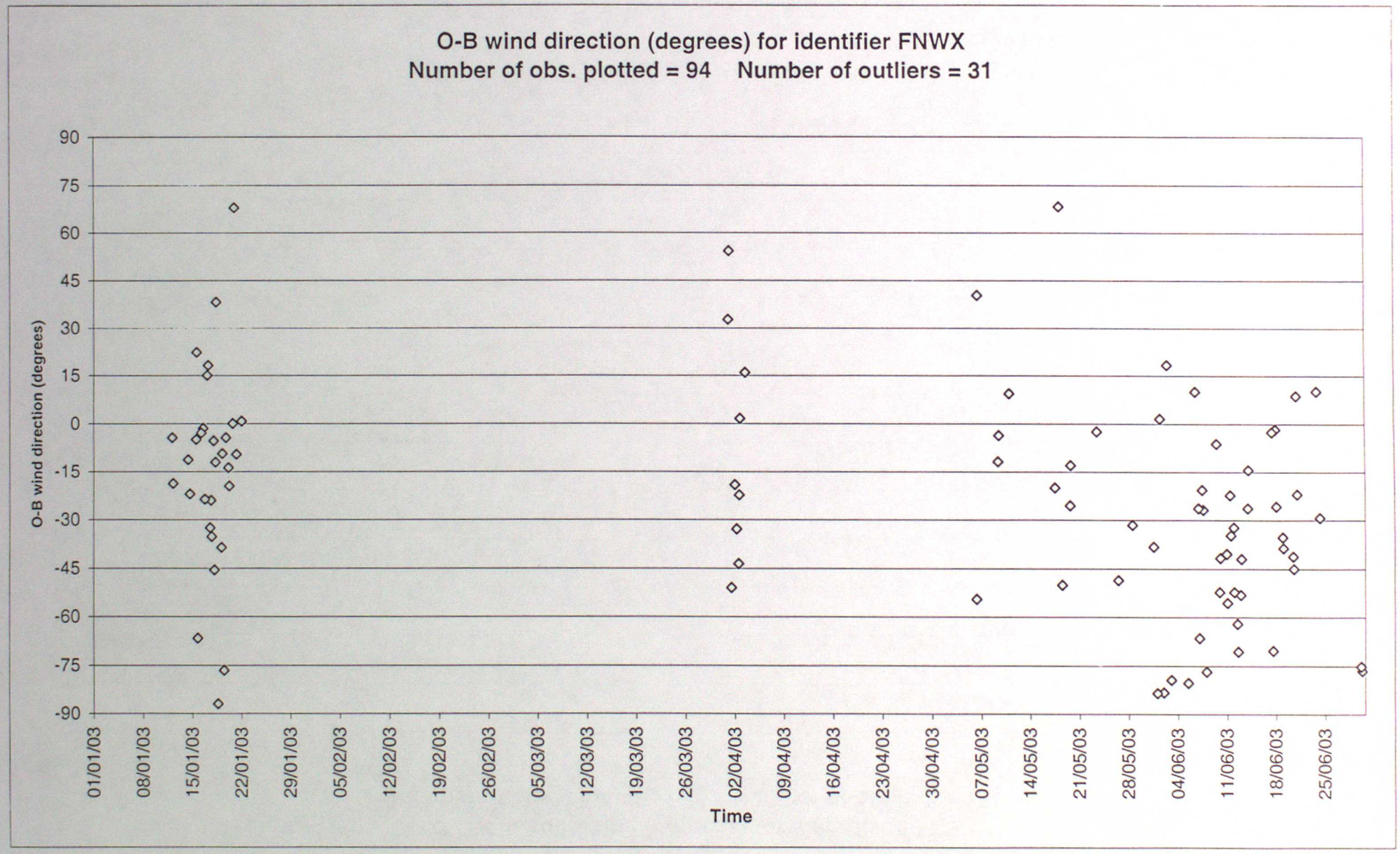

O-B wind direction (degrees) for identifier ELOG5
Number of obs. plotted = 200 Number of outliers = 78
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind direction (degrees) for identifier ELTQ6
Number of obs. plotted = 306 Number of outliers = 48
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

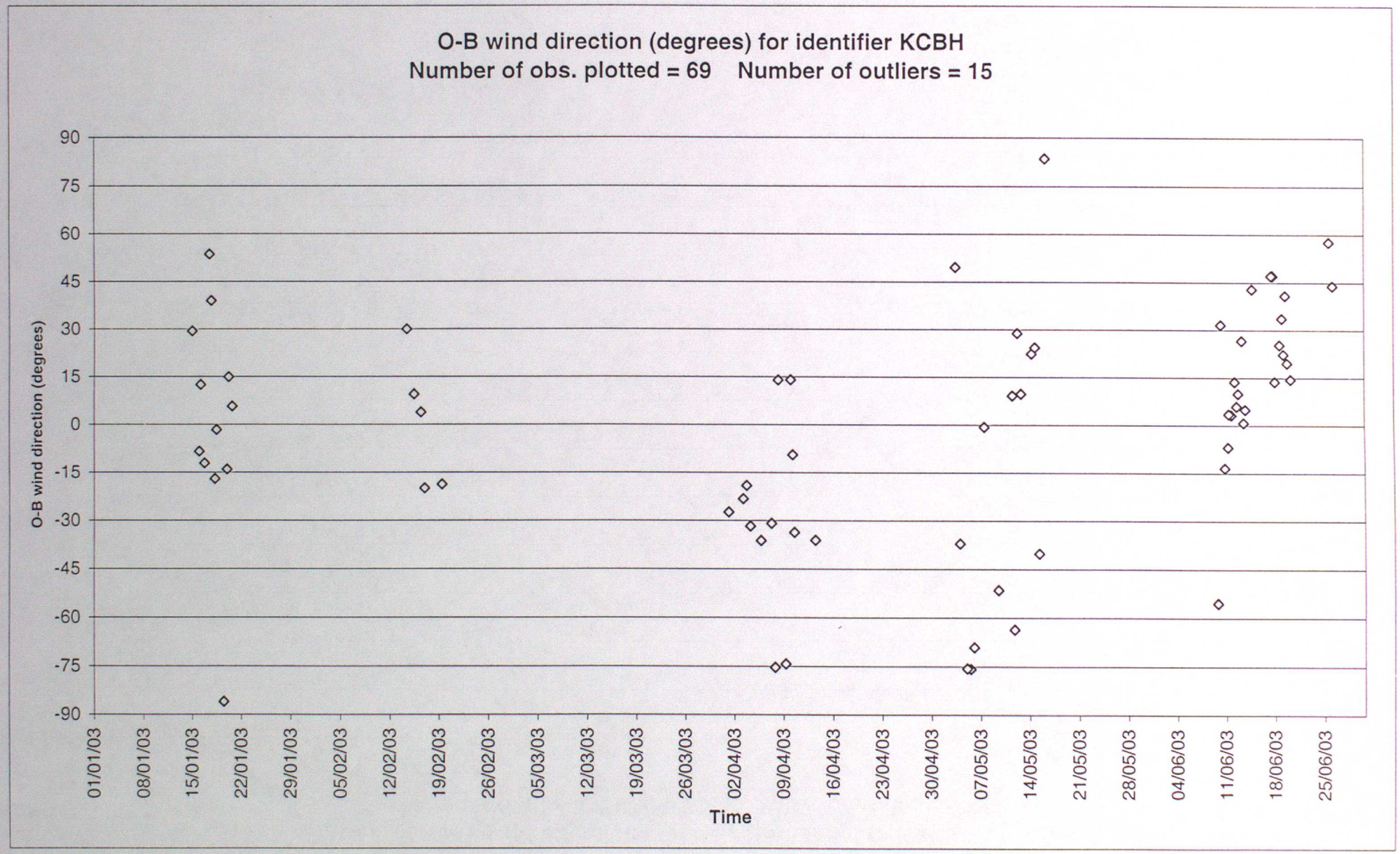

O-B wind direction (degrees) for identifier ELXO3
Number of obs. plotted = 215 Number of outliers = 51
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

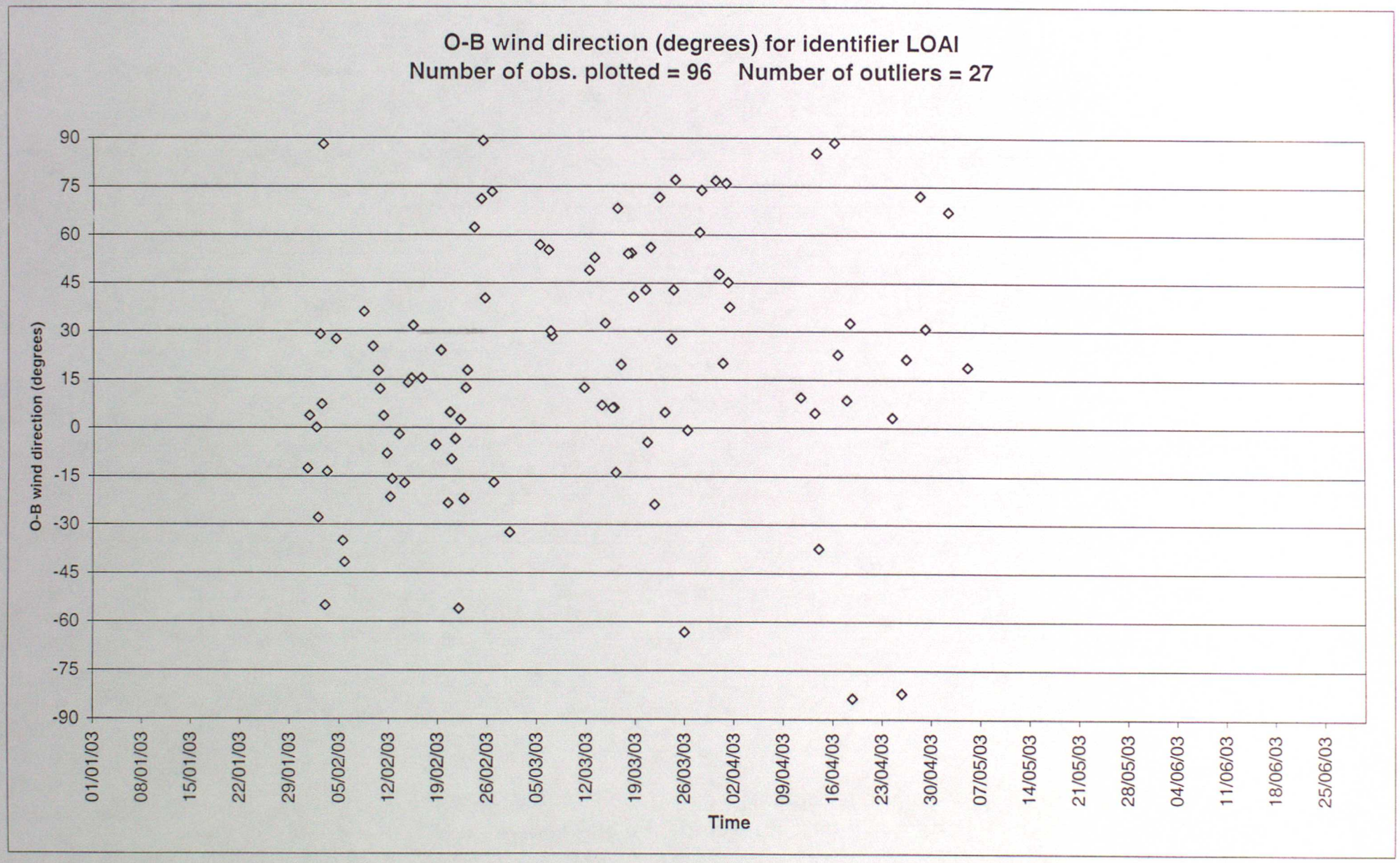

O-B wind direction (degrees) for identifier ELZO4
Number of obs. plotted = 65 Number of outliers = 8
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

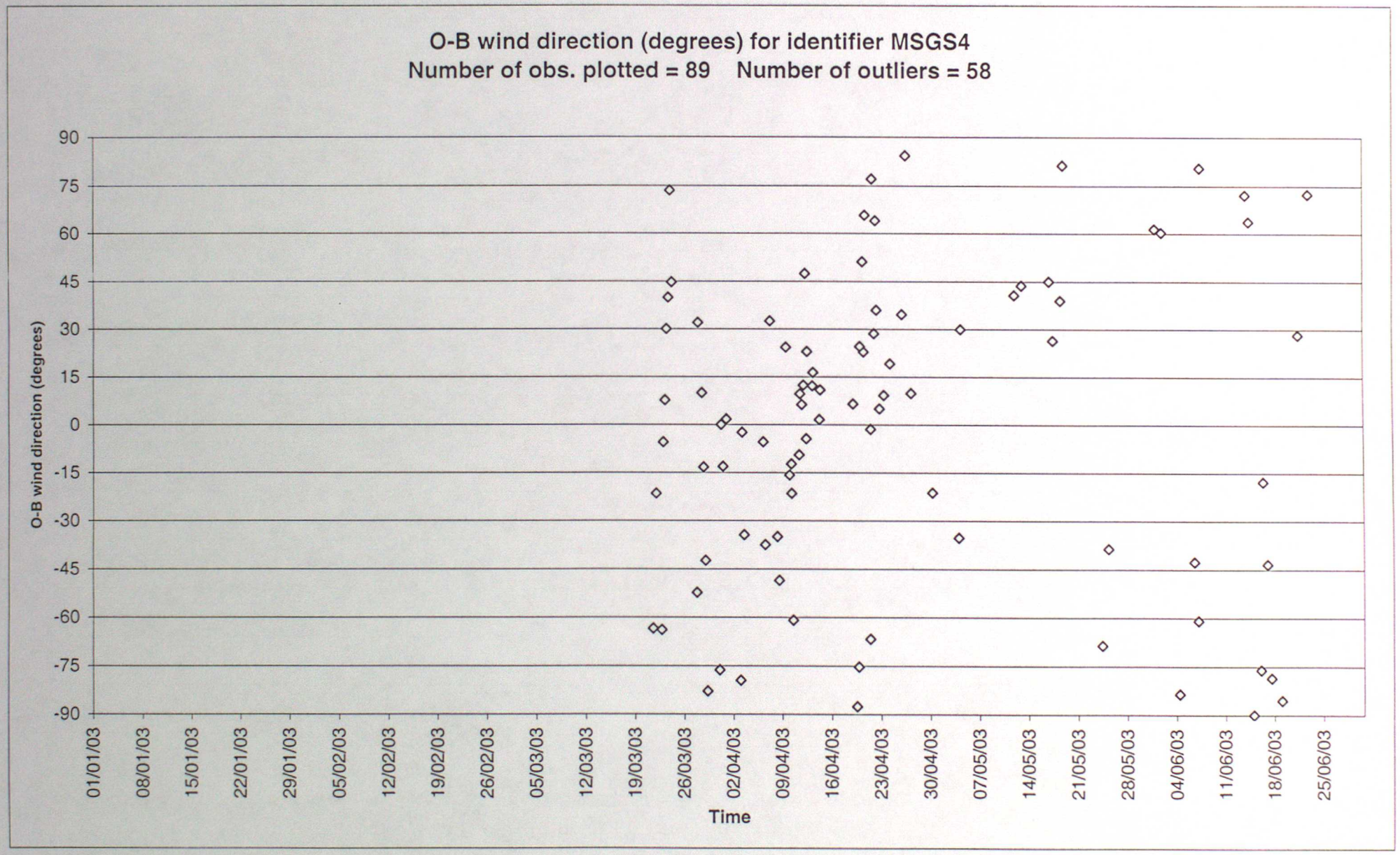

O-B wind direction (degrees) for identifier FGTO
Number of obs. plotted = 328 Number of outliers = 171
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind direction (degrees) for identifier FNWX
Number of obs. plotted = 94 Number of outliers = 31
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

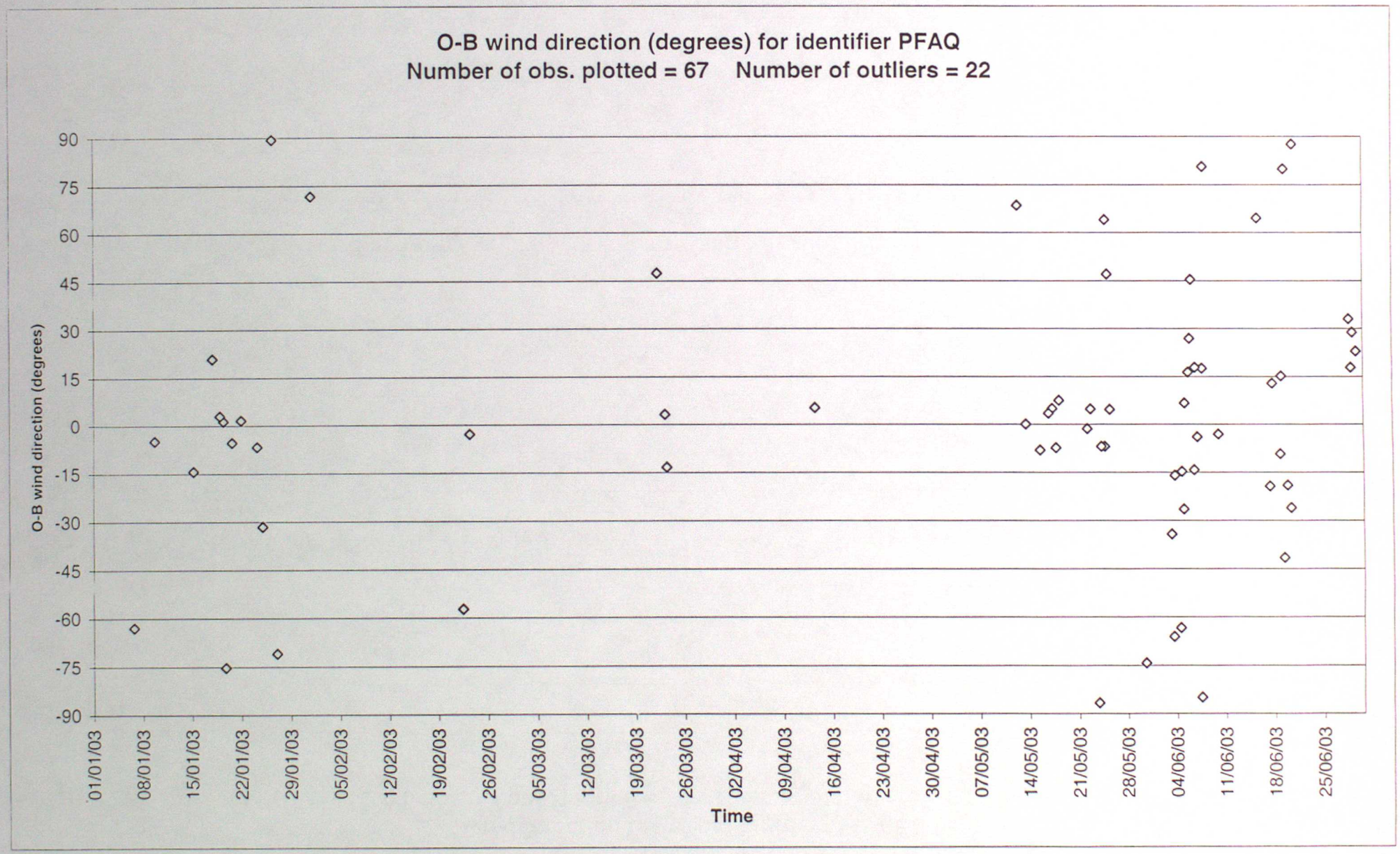
O-B wind direction (degrees) for identifier KAKG
Number of obs. plotted = 72 Number of outliers = 12
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B wind direction (degrees) for identifier KCBH
Number of obs. plotted = 69 Number of outliers = 15
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

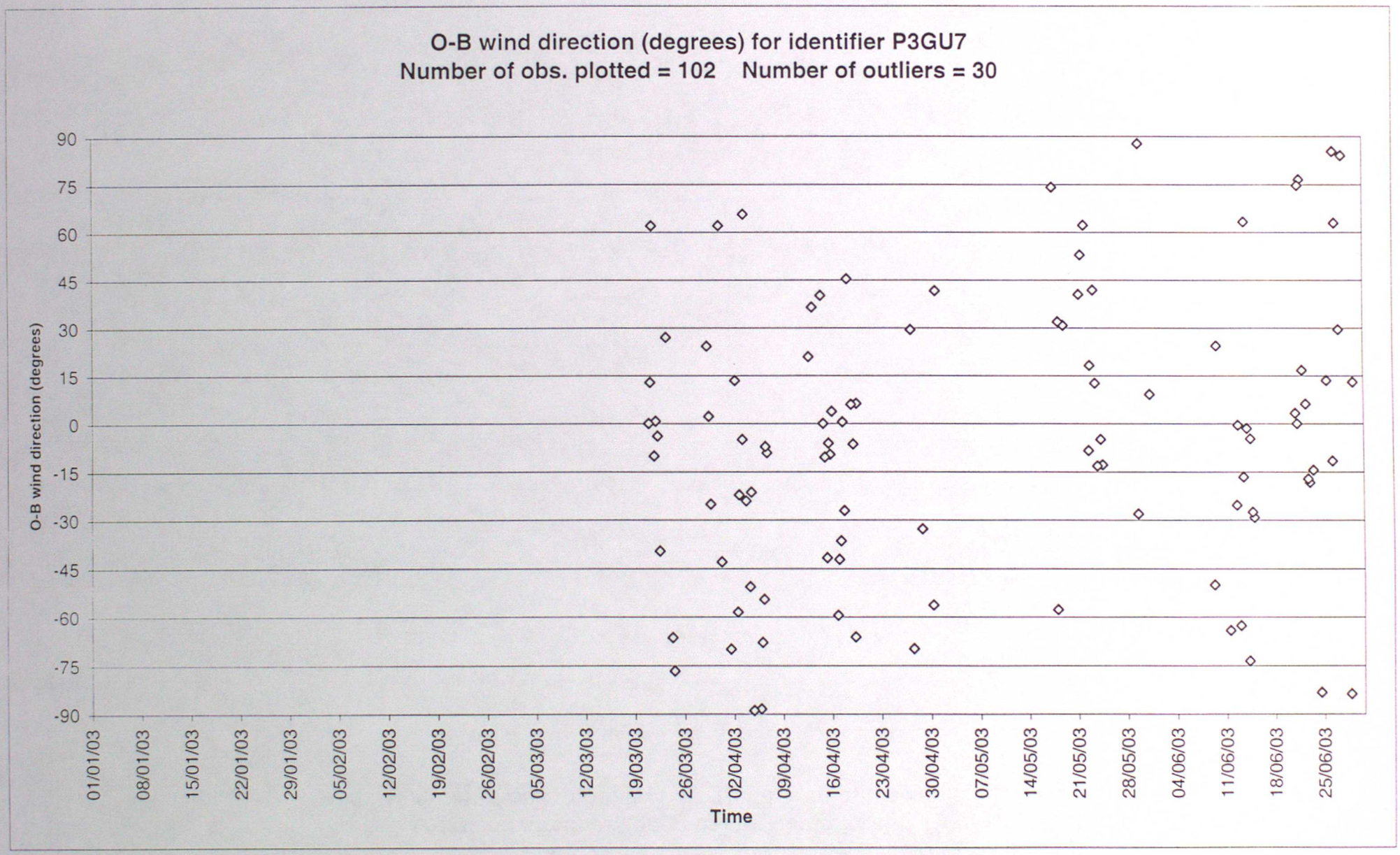

O-B wind direction (degrees) for identifier LOAI
Number of obs. plotted = 96 Number of outliers = 27
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind direction (degrees) for identifier MSGS4
Number of obs. plotted = 89 Number of outliers = 58
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

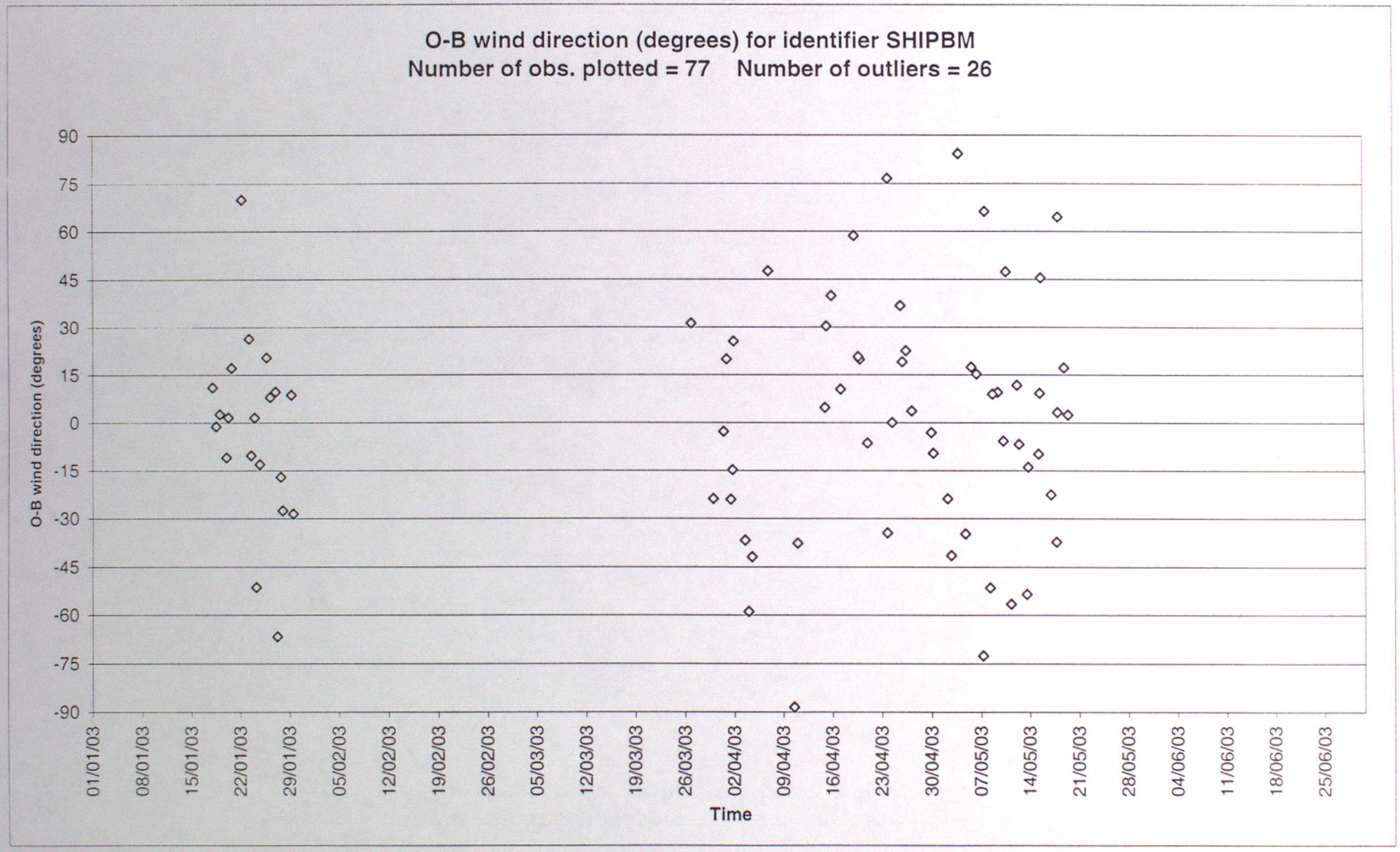
O-B wind direction (degrees) for identifier PECA
Number of obs. plotted = 70 Number of outliers = 20
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B wind direction (degrees) for identifier PFAQ
Number of obs. plotted = 67 Number of outliers = 22
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

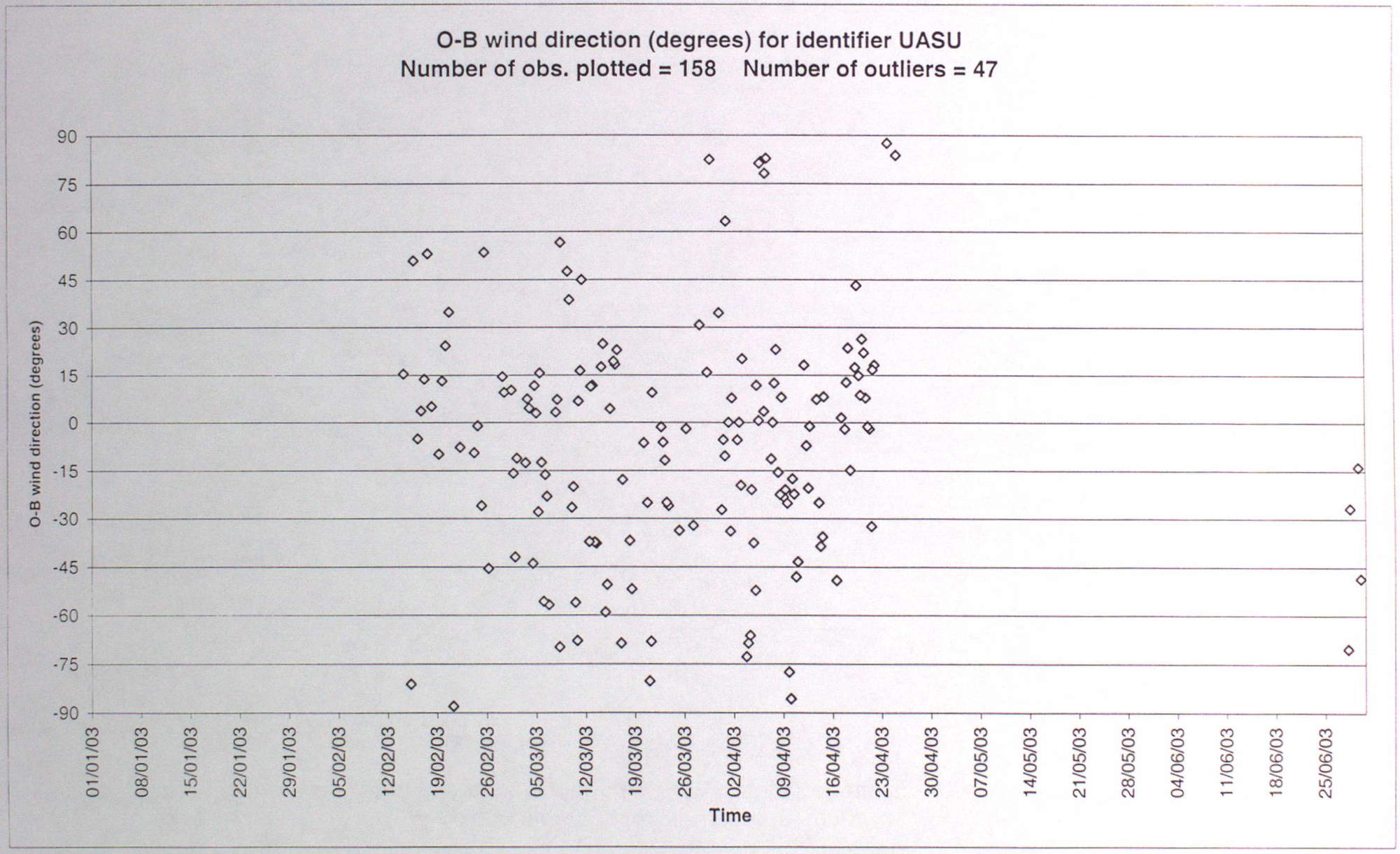
O-B wind direction (degrees) for identifier P3ET9
Number of obs. plotted = 71 Number of outliers = 25
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

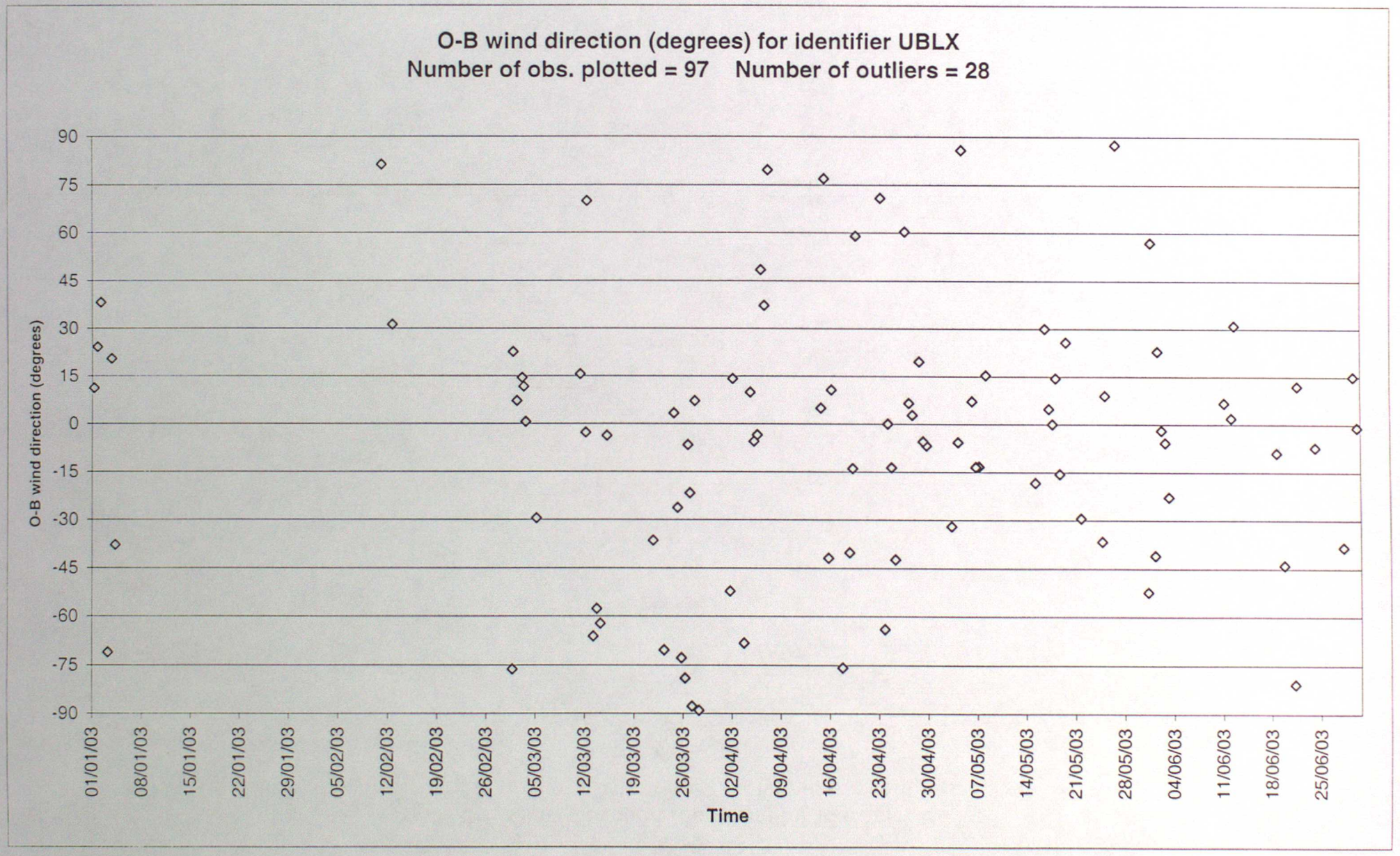

O-B wind direction (degrees) for identifier P3GU7
Number of obs. plotted = 102 Number of outliers = 30
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

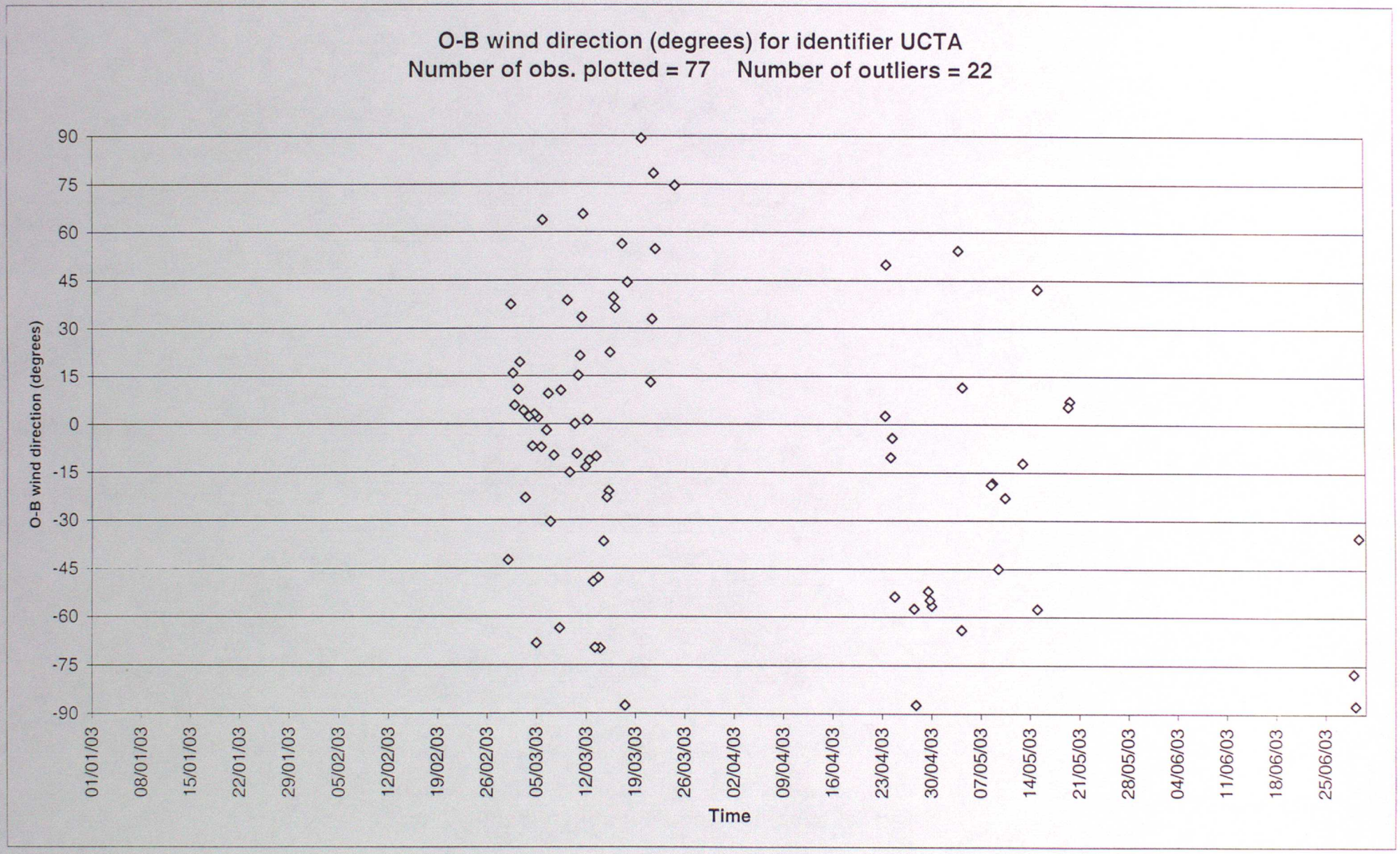
O-B wind direction (degrees) for identifier P3KH8
Number of obs. plotted = 40 Number of outliers = 15
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

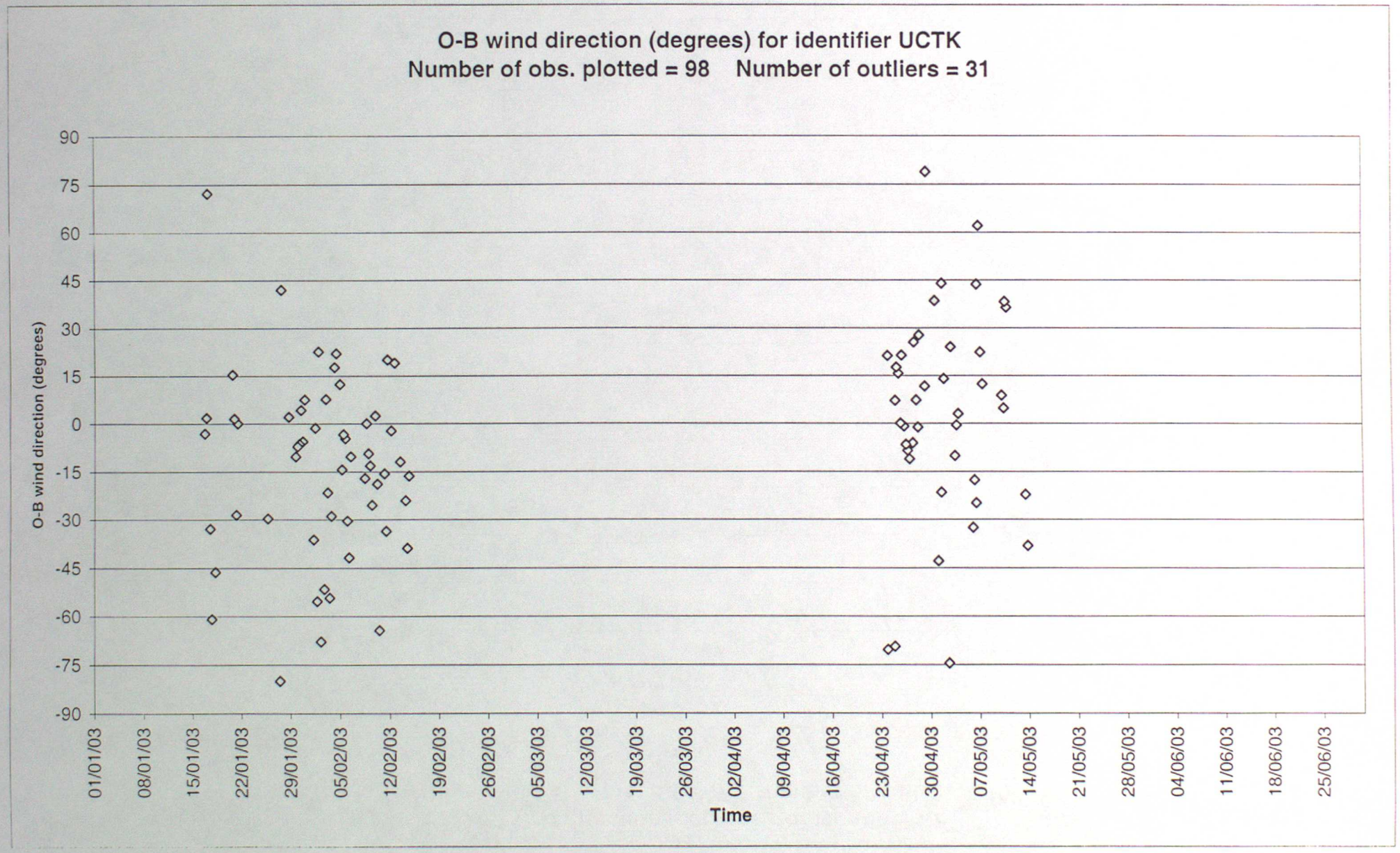

O-B wind direction (degrees) for identifier SHIPBM
Number of obs. plotted = 77 Number of outliers = 26
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

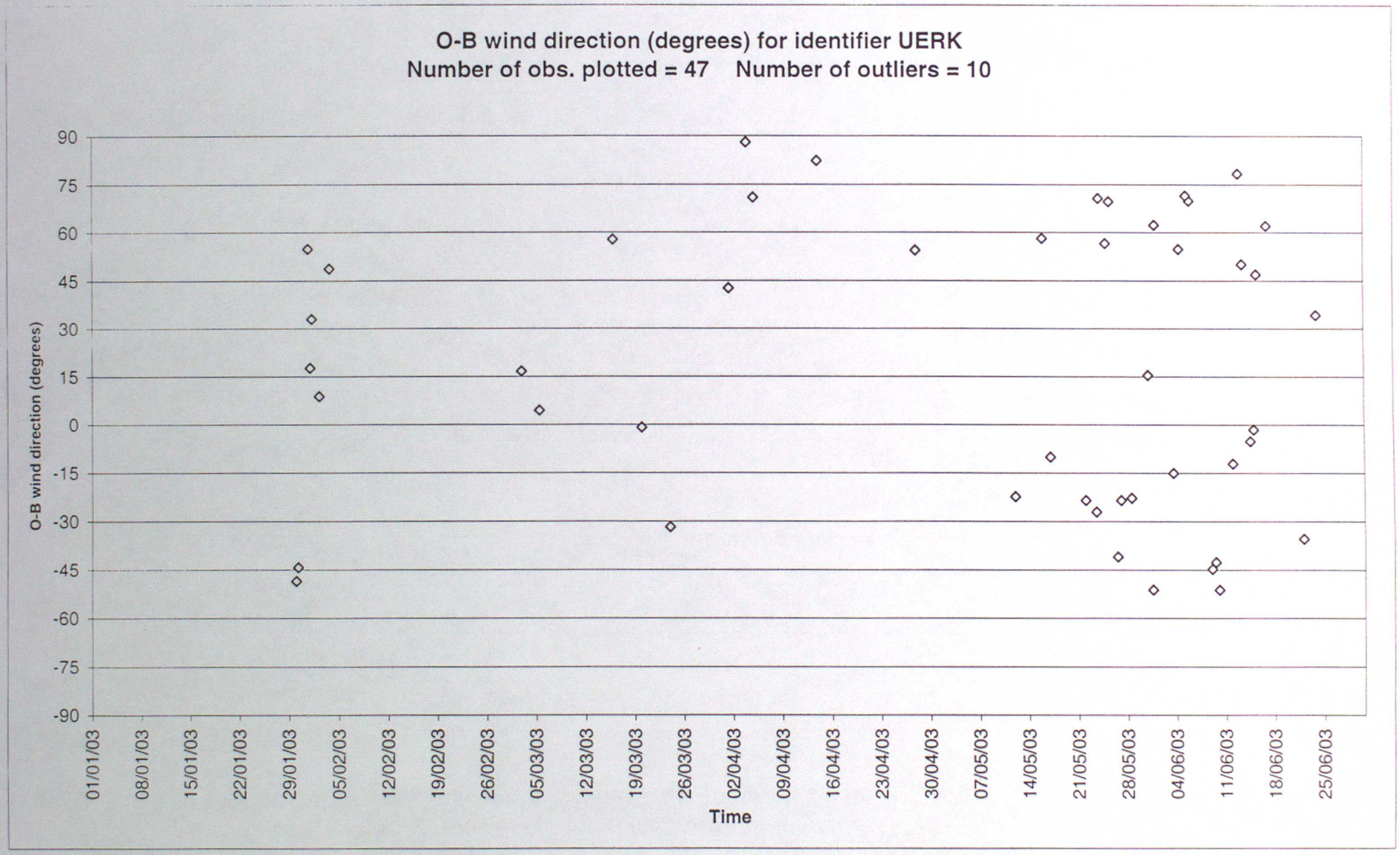
O-B wind direction (degrees) for identifier UAST
Number of obs. plotted = 324 Number of outliers = 96
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B wind direction (degrees) for identifier UASU
Number of obs. plotted = 158 Number of outliers = 47
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind direction (degrees) for identifier UBLX
Number of obs. plotted = 97 Number of outliers = 28
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

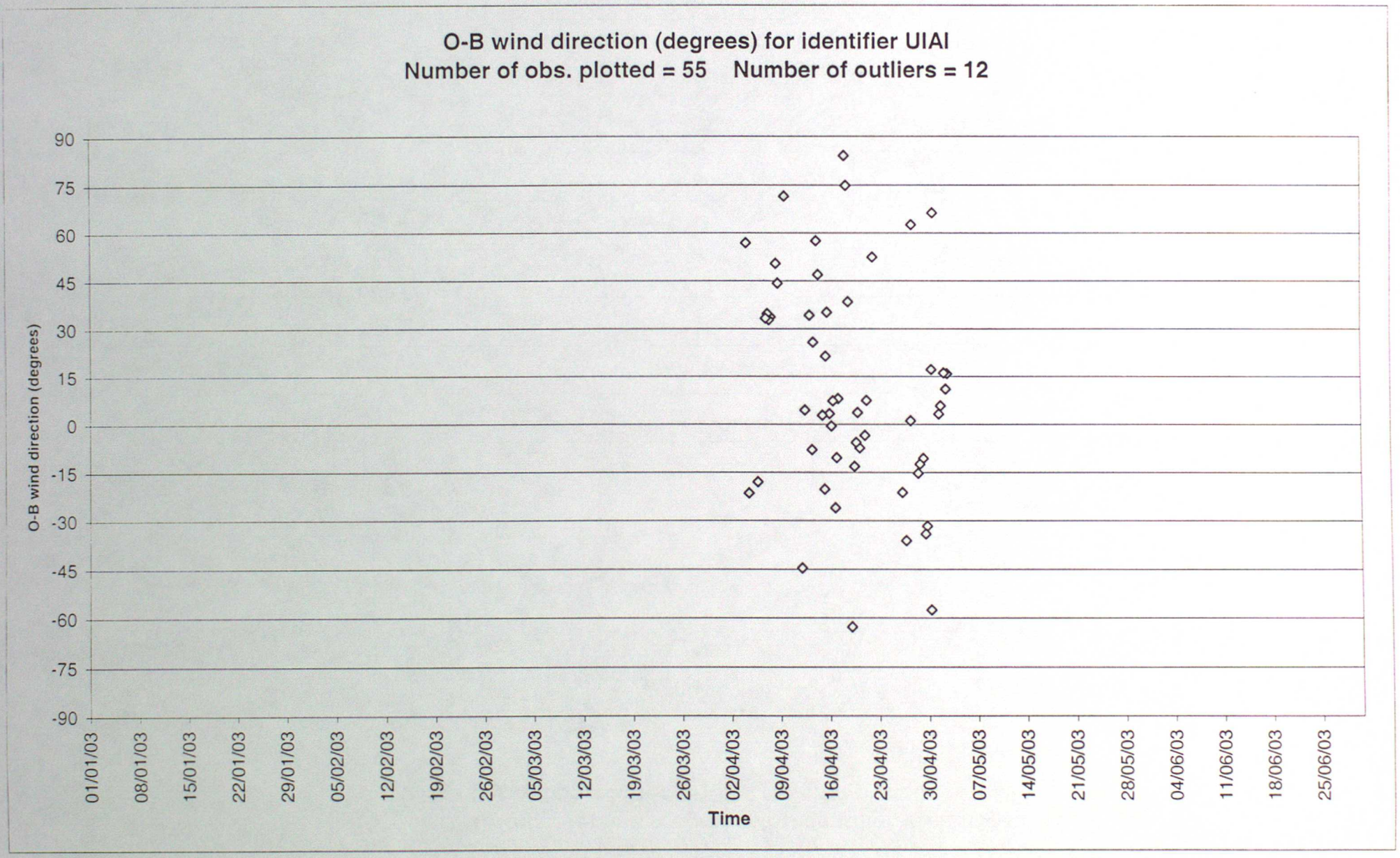

O-B wind direction (degrees) for identifier UCTA
Number of obs. plotted = 77 Number of outliers = 22
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

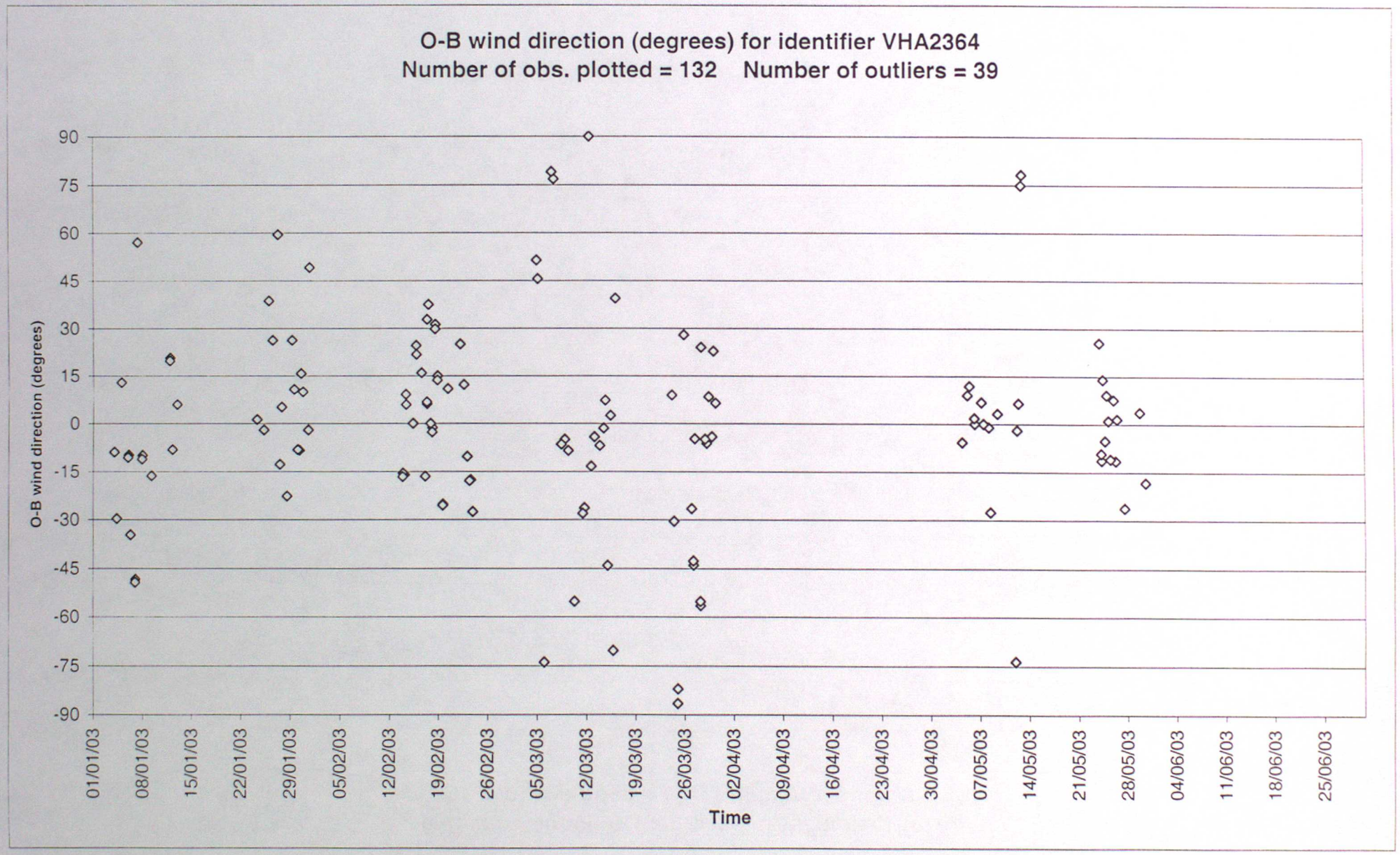

O-B wind direction (degrees) for identifier UCTK
Number of obs. plotted = 98 Number of outliers = 31
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

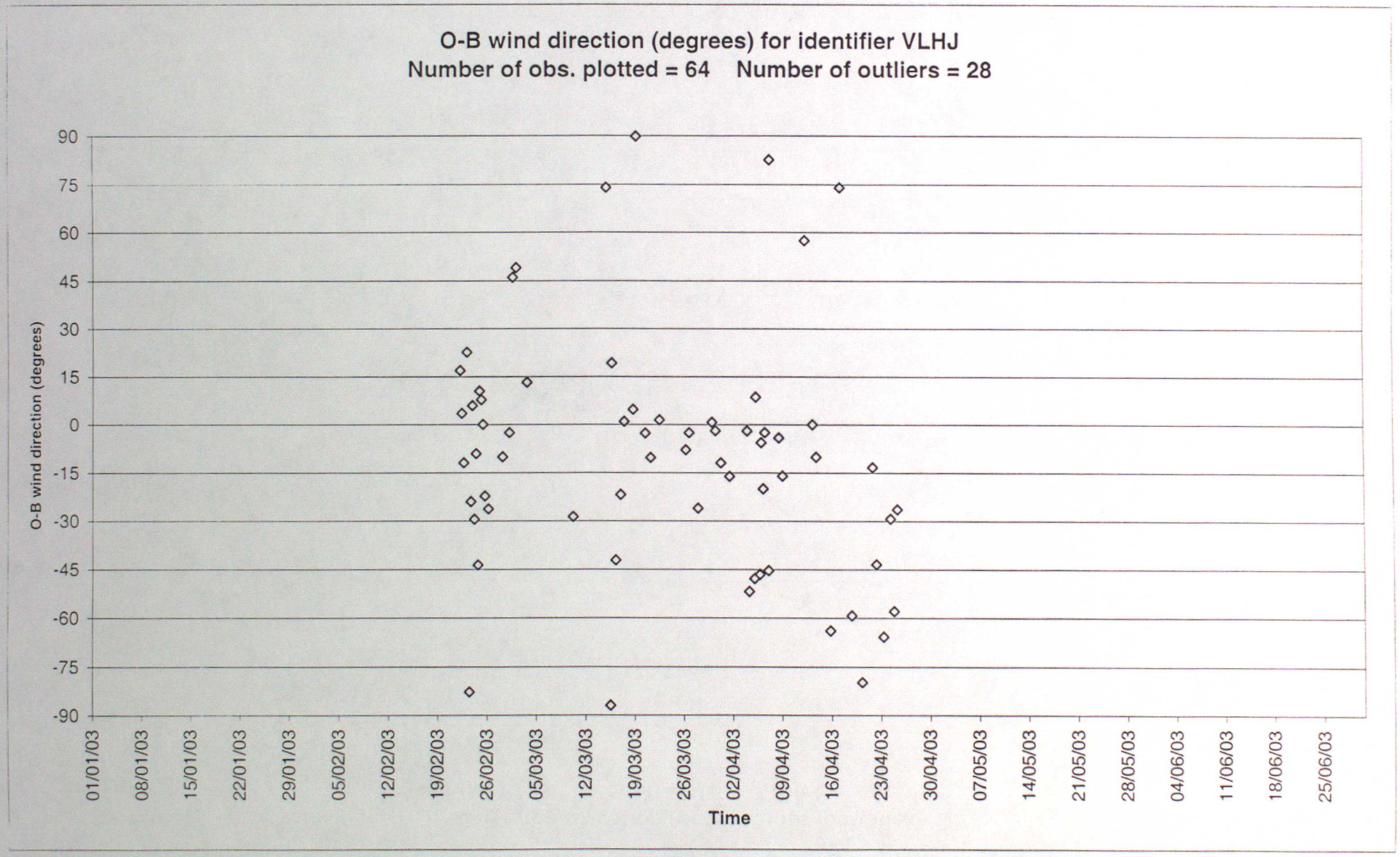

O-B wind direction (degrees) for identifier UERK
Number of obs. plotted = 47 Number of outliers = 10
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

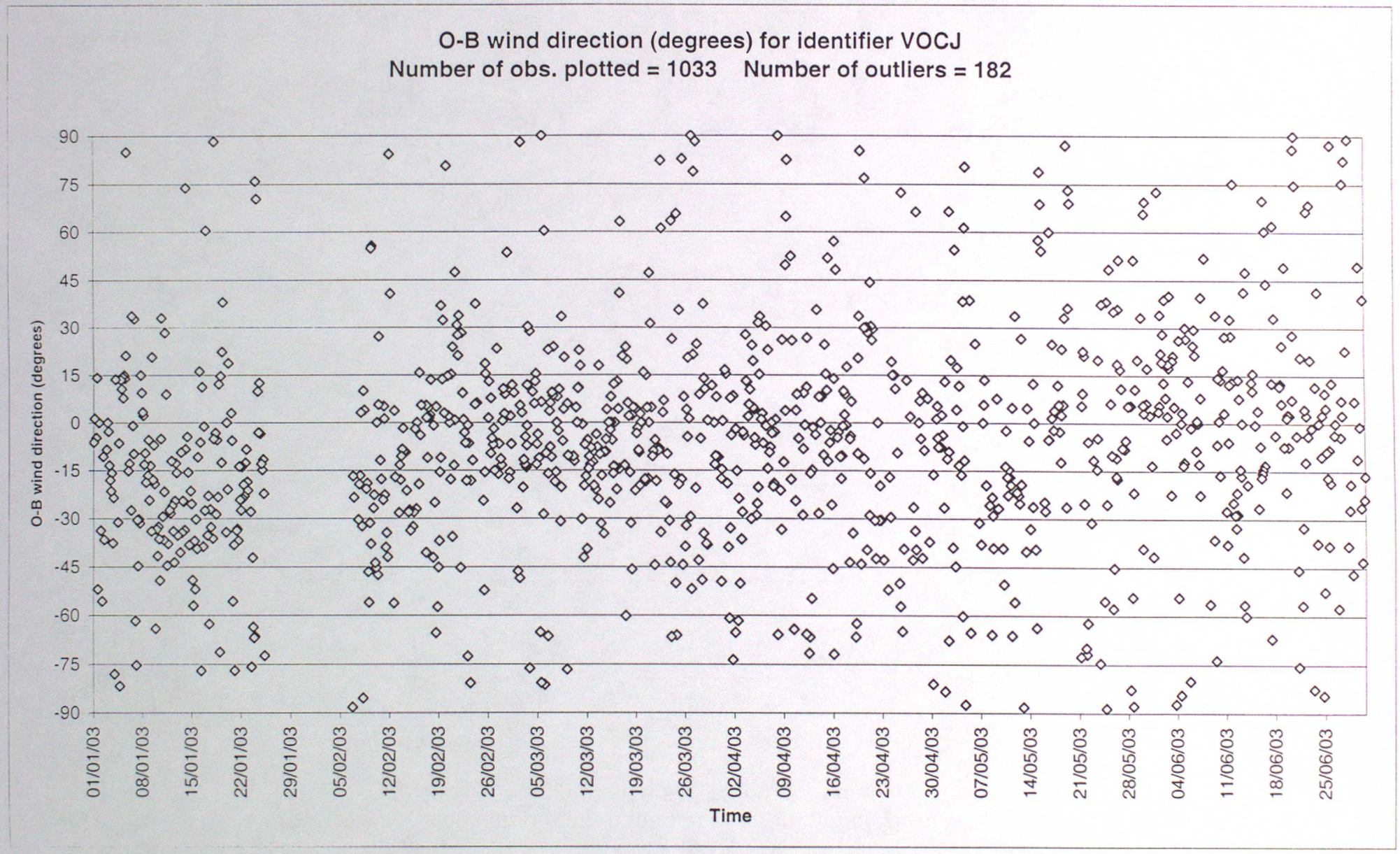
O-B wind direction (degrees) for identifier UGTV
Number of obs. plotted = 71 Number of outliers = 25
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

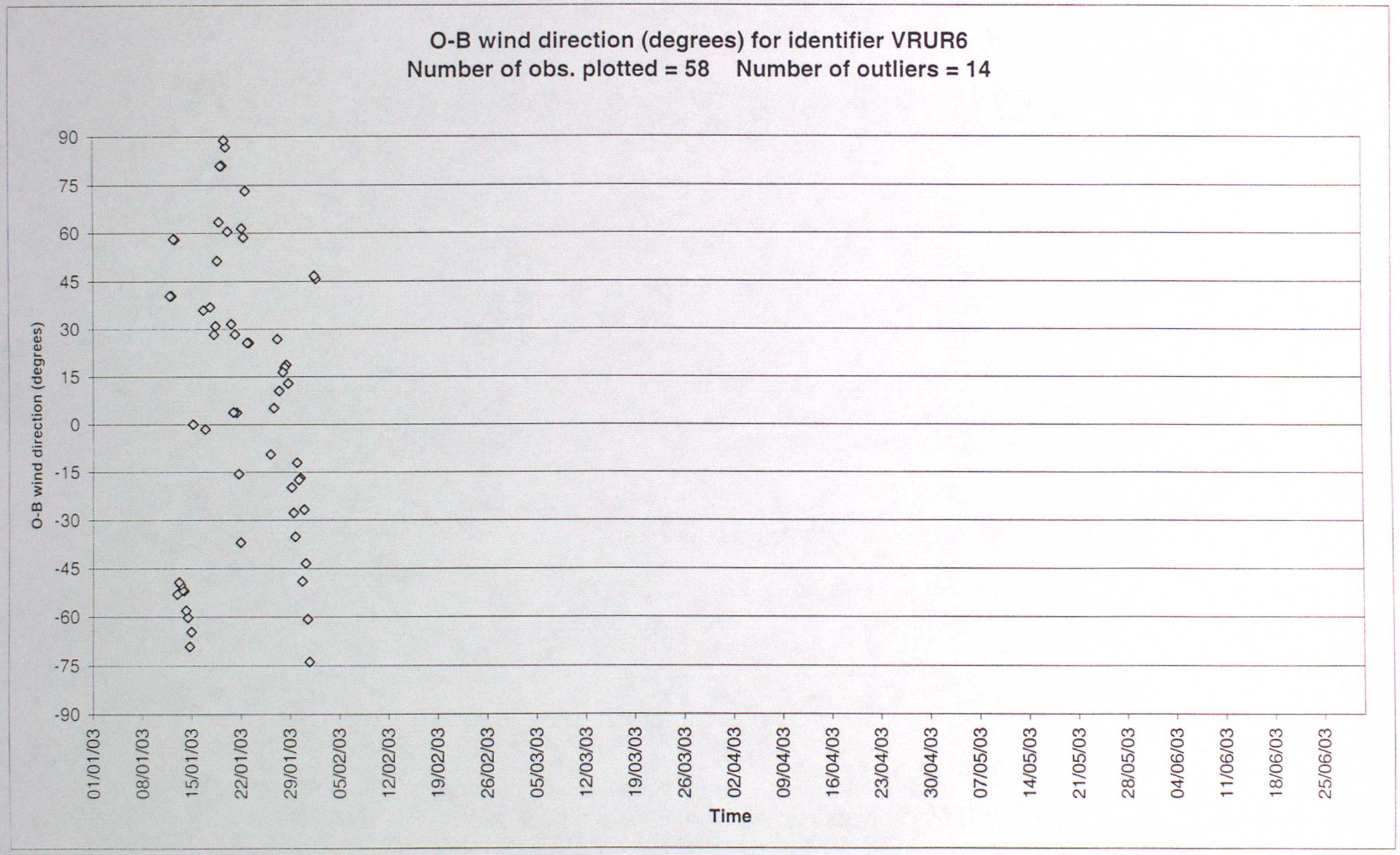
O-B wind direction (degrees) for identifier UIAG
Number of obs. plotted = 23 Number of outliers = 18
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

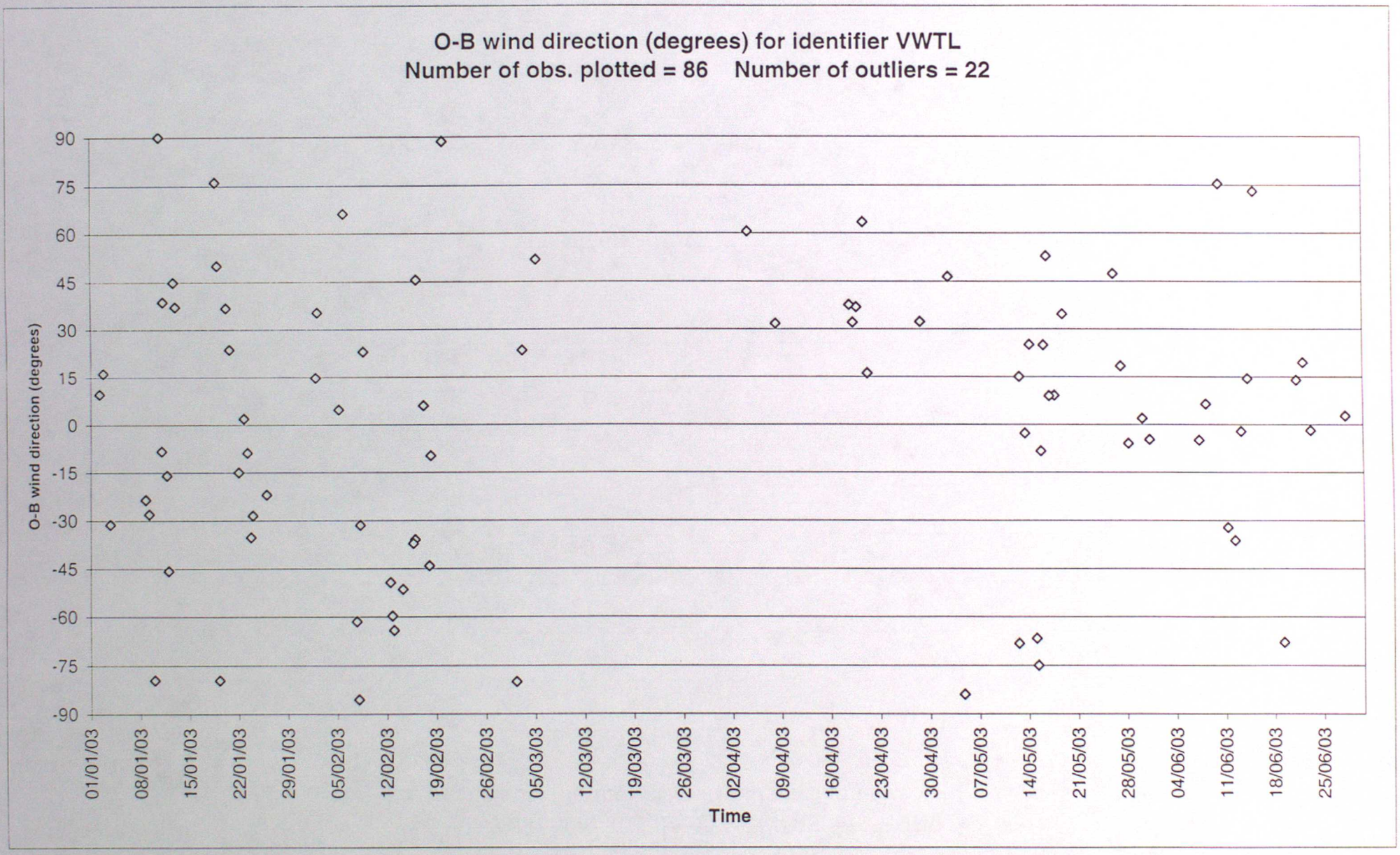

O-B wind direction (degrees) for identifier UIAI
Number of obs. plotted = 55 Number of outliers = 12
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

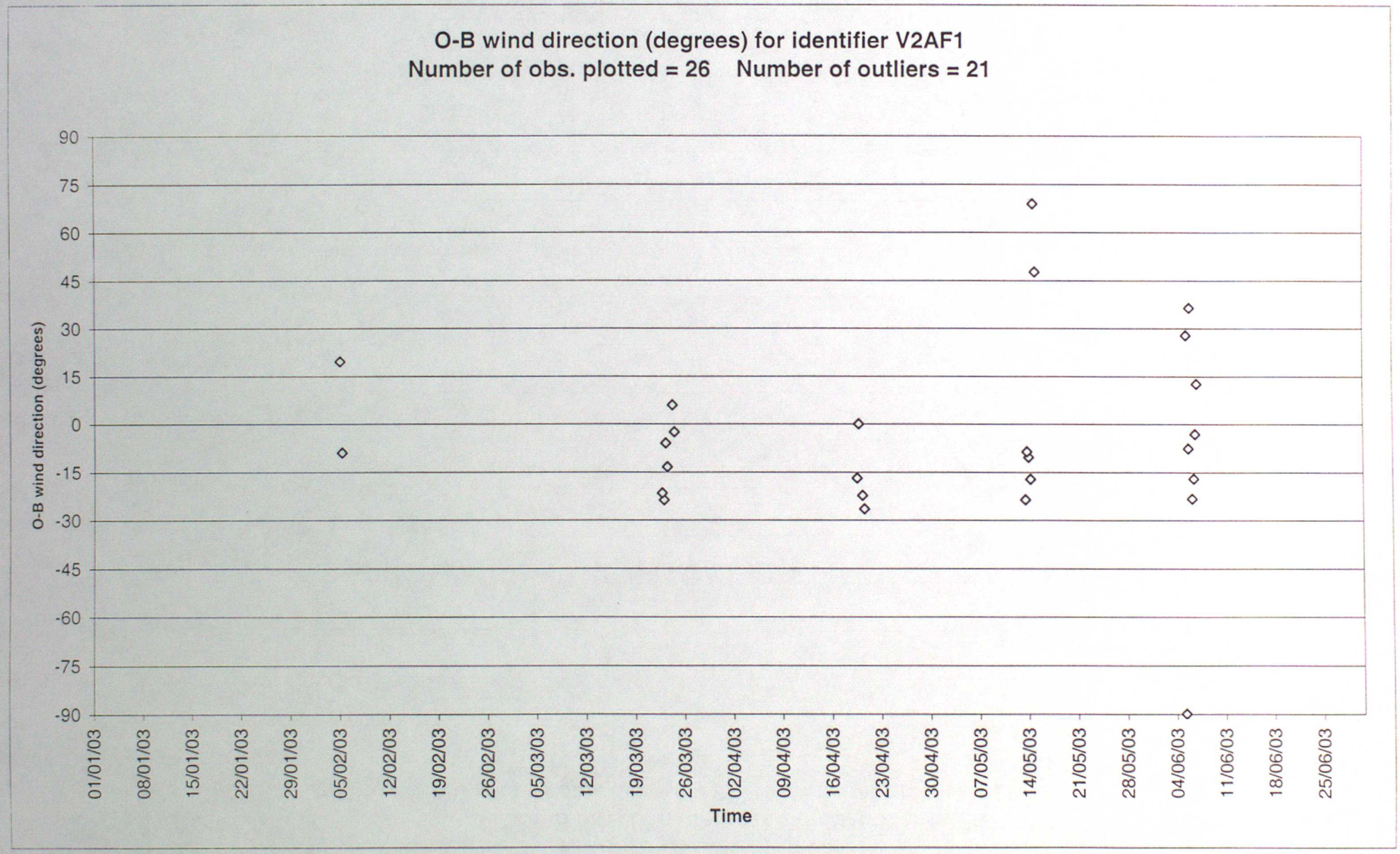

O-B wind direction (degrees) for identifier VHA2364
Number of obs. plotted = 132 Number of outliers = 39
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

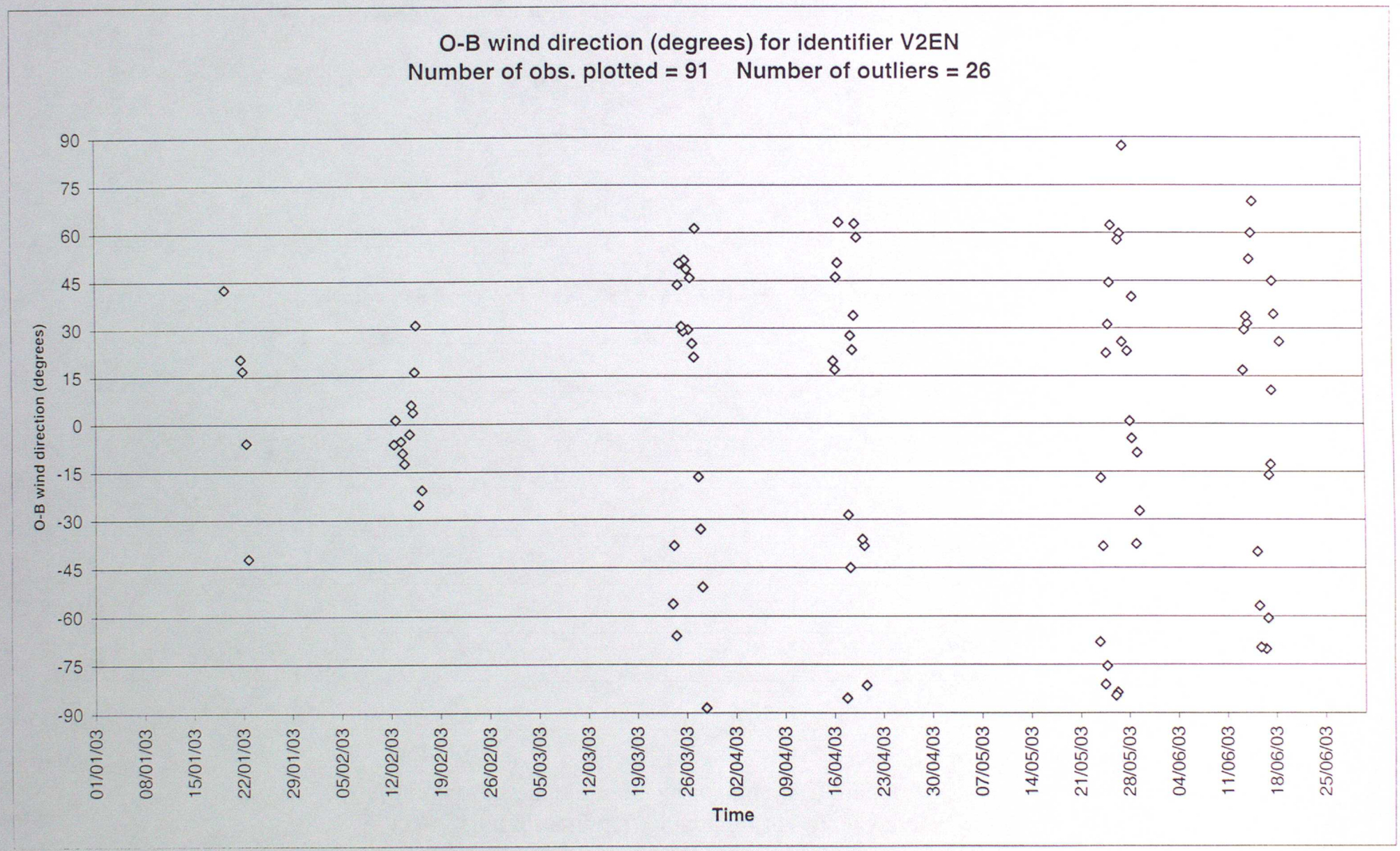

O-B wind direction (degrees) for identifier VLHJ
Number of obs. plotted = 64 Number of outliers = 28
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

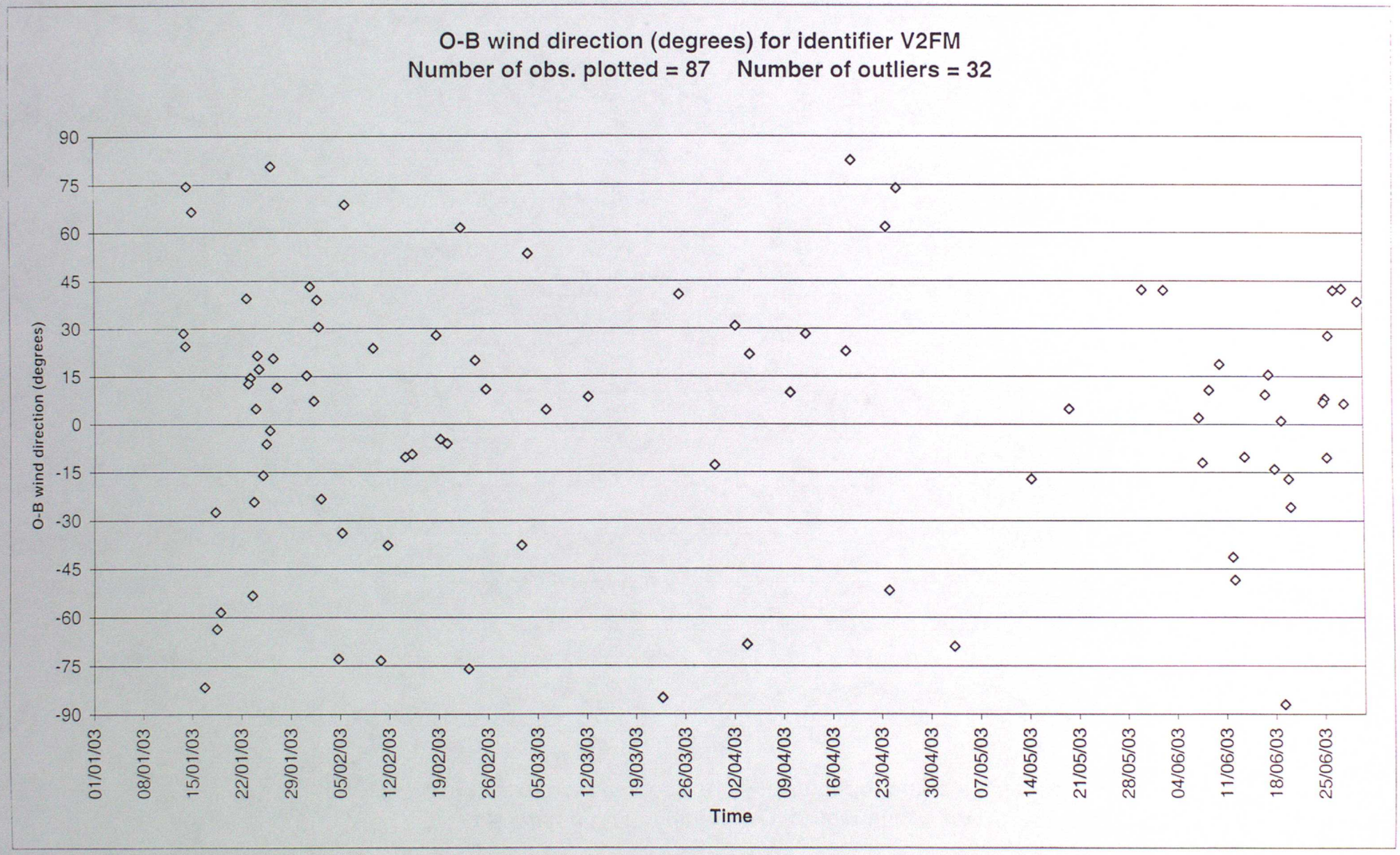

O-B wind direction (degrees) for identifier VOCJ
Number of obs. plotted = 1033 Number of outliers = 182
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind direction (degrees) for identifier VRUR6
Number of obs. plotted = 58 Number of outliers = 14
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

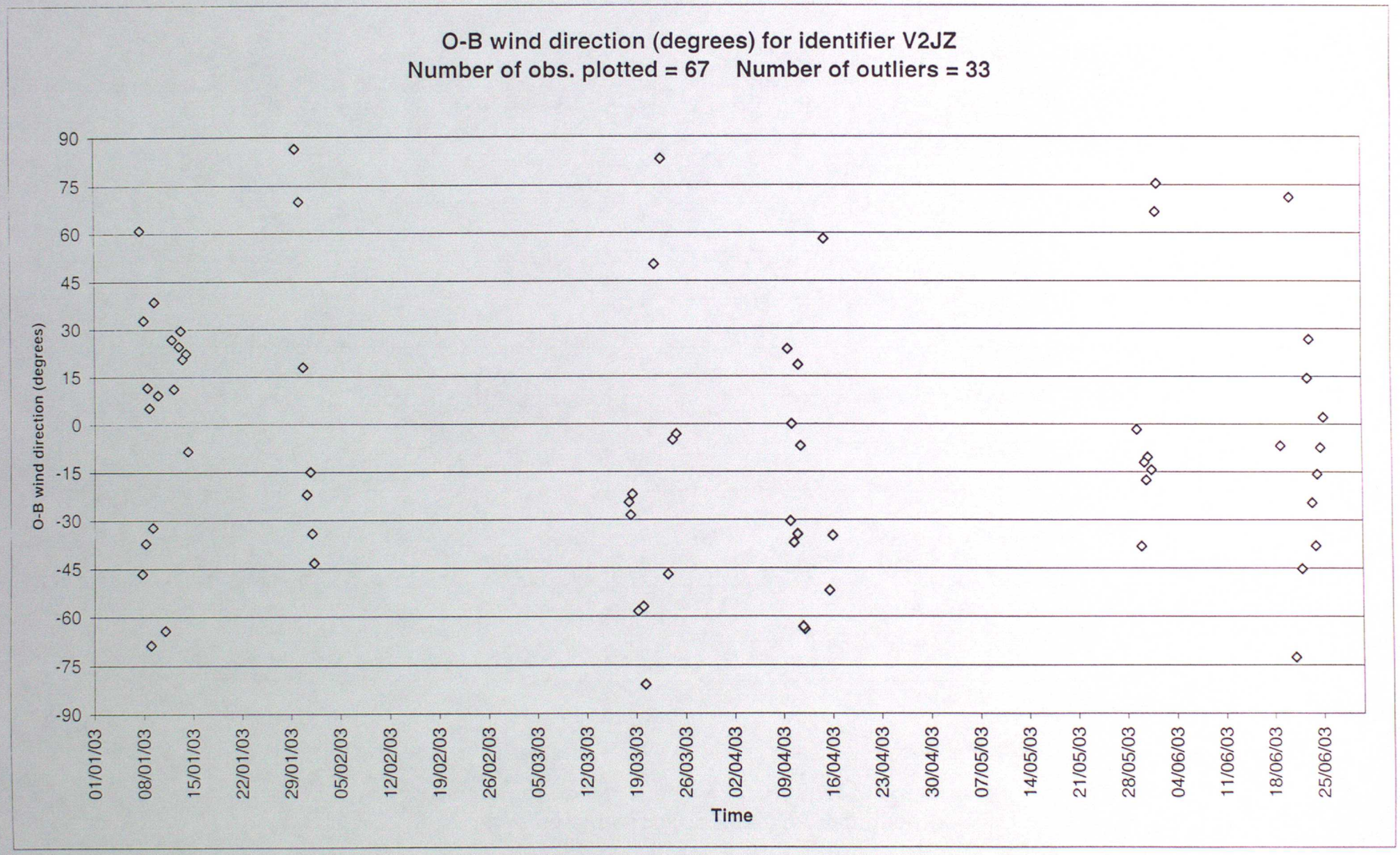

O-B wind direction (degrees) for identifier VWTL
Number of obs. plotted = 86 Number of outliers = 22
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

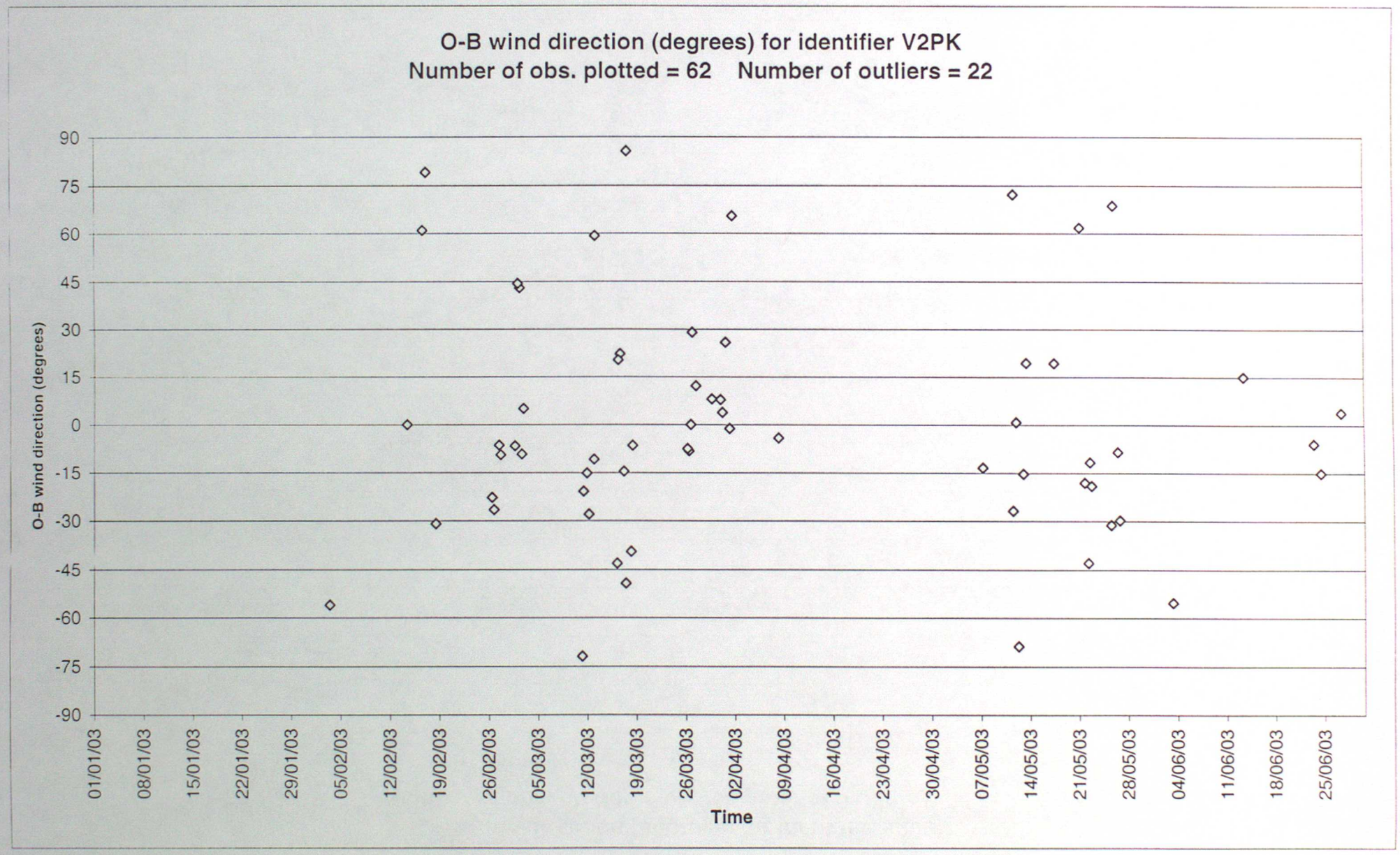

O-B wind direction (degrees) for identifier V2AF1
Number of obs. plotted = 26 Number of outliers = 21
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind direction (degrees) for identifier V2EN
Number of obs. plotted = 91 Number of outliers = 26
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

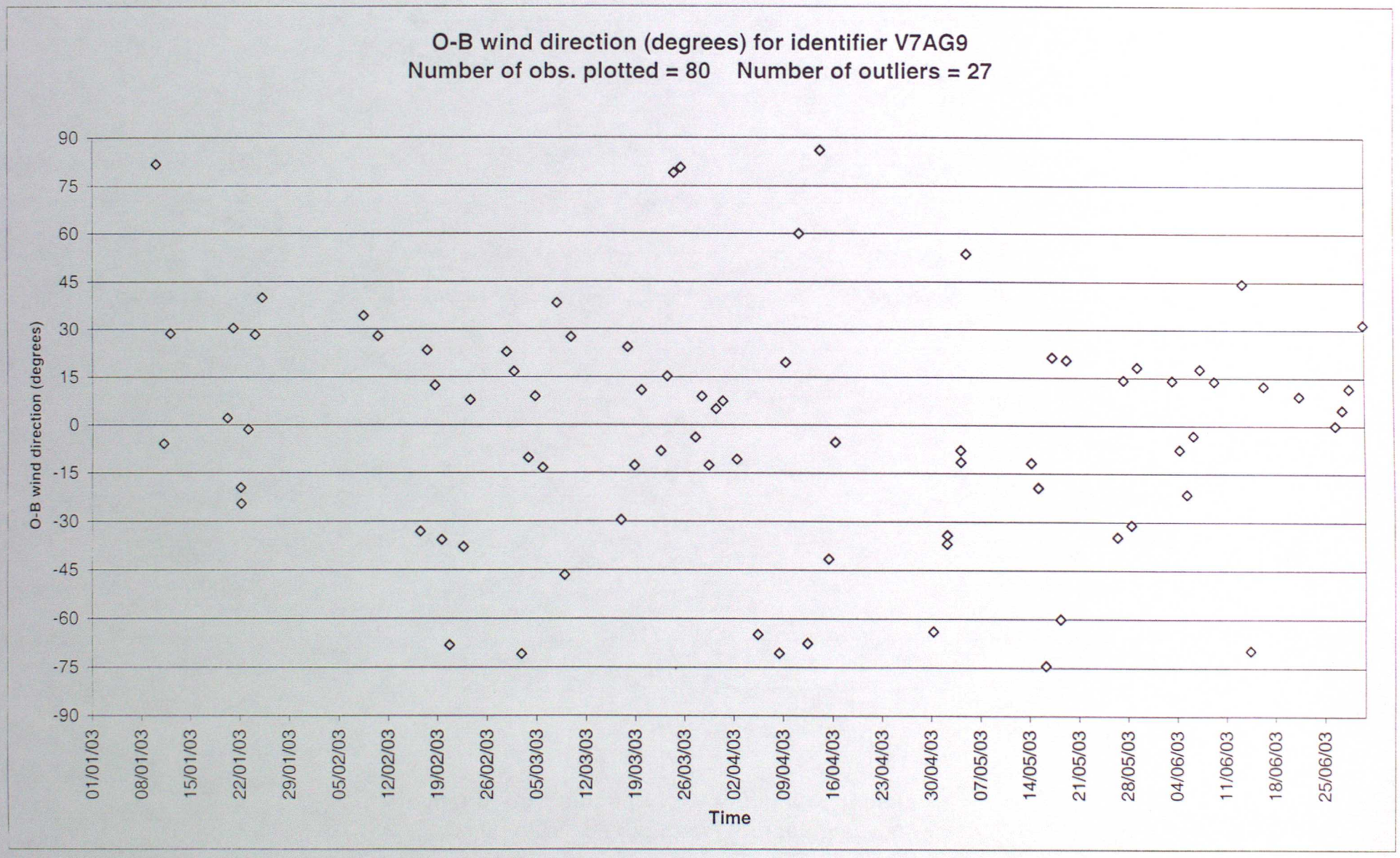

O-B wind direction (degrees) for identifier V2FM
Number of obs. plotted = 87 Number of outliers = 32
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B wind direction (degrees) for identifier V2IA1
Number of obs. plotted = 181 Number of outliers = 54
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B wind direction (degrees) for identifier V2JZ
Number of obs. plotted = 67 Number of outliers = 33
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind direction (degrees) for identifier V2PK
Number of obs. plotted = 62 Number of outliers = 22
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

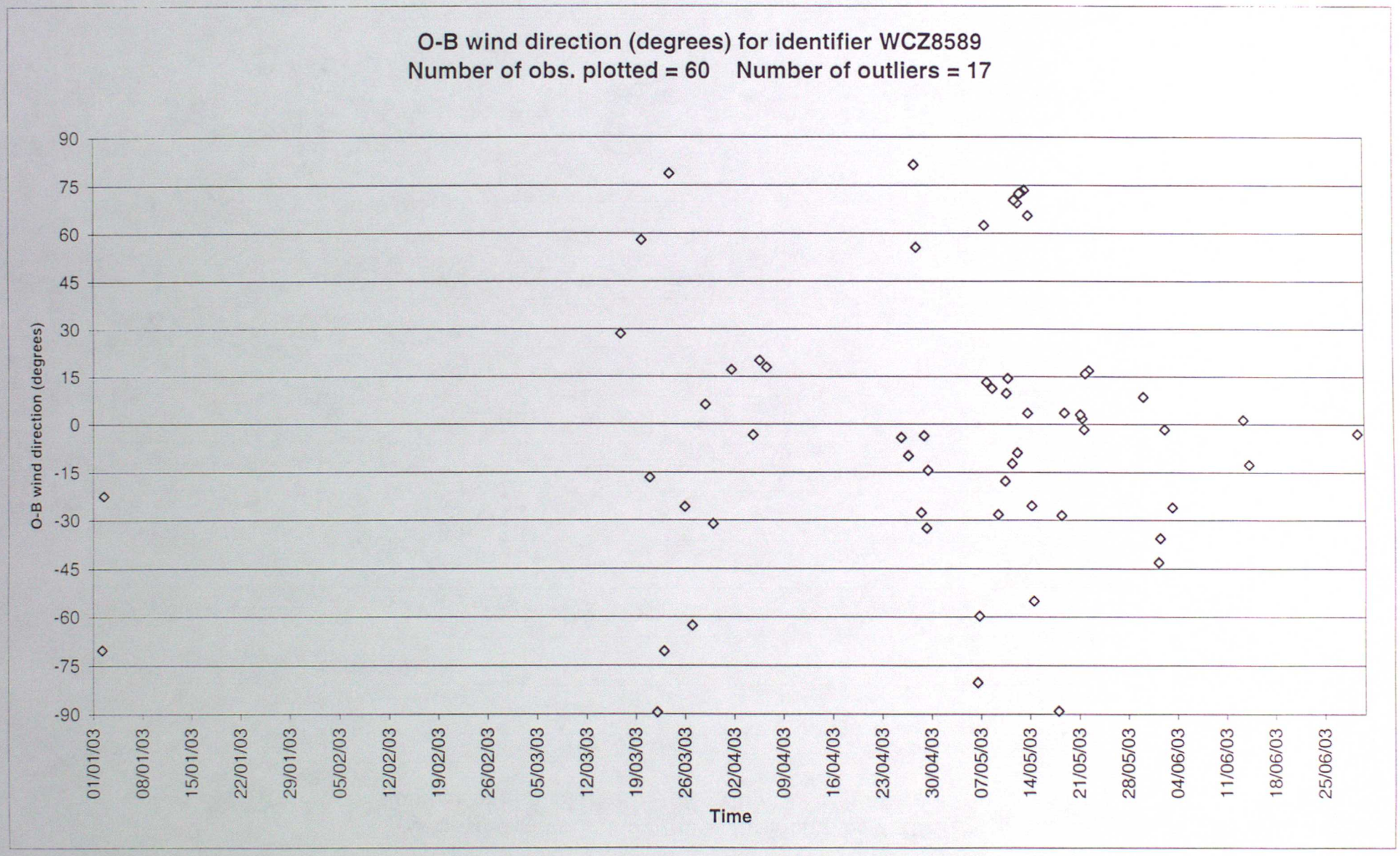
O-B wind direction (degrees) for identifier V2PW3
Number of obs. plotted = 92 Number of outliers = 25
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

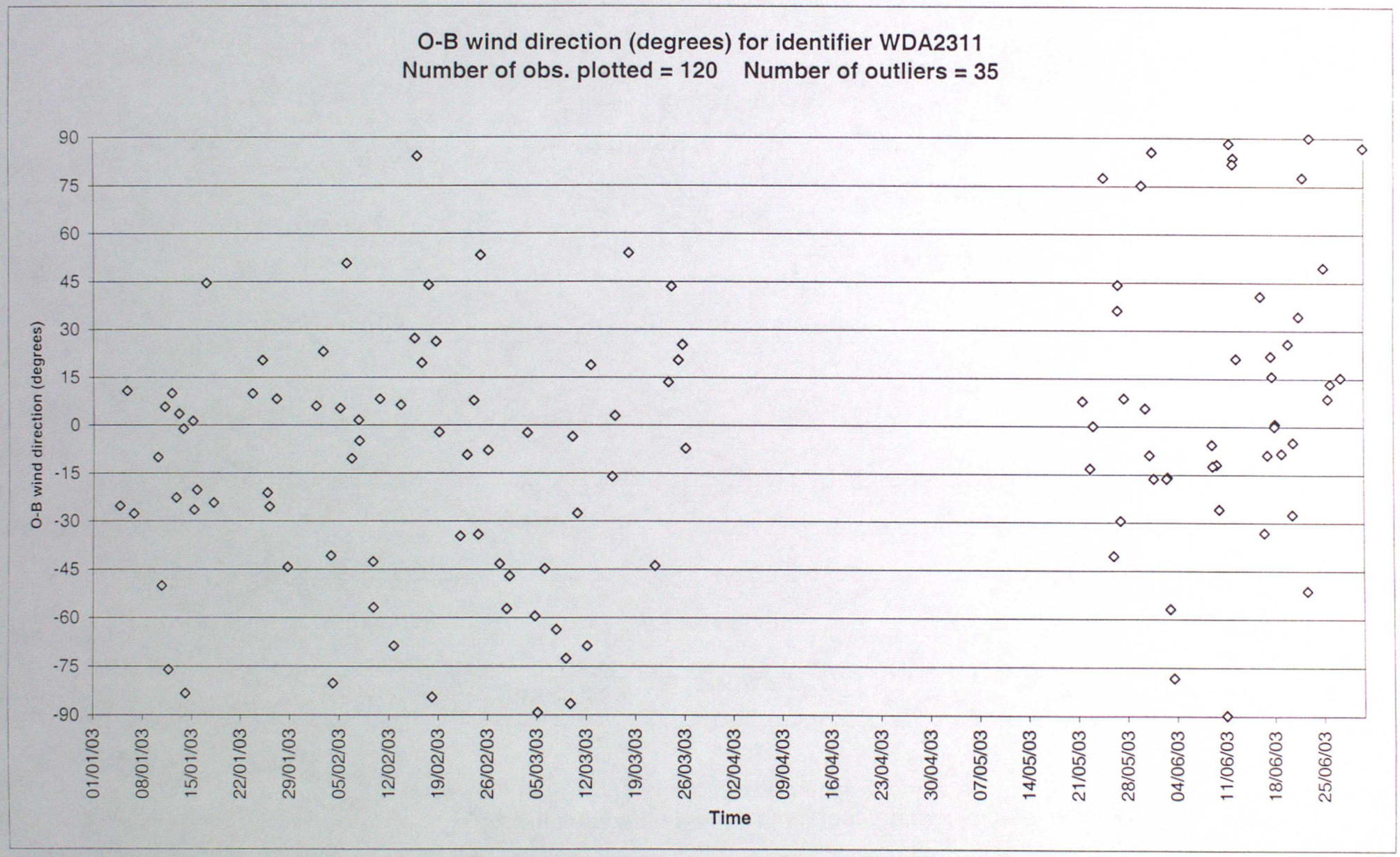

O-B wind direction (degrees) for identifier V7AG9
Number of obs. plotted = 80 Number of outliers = 27
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

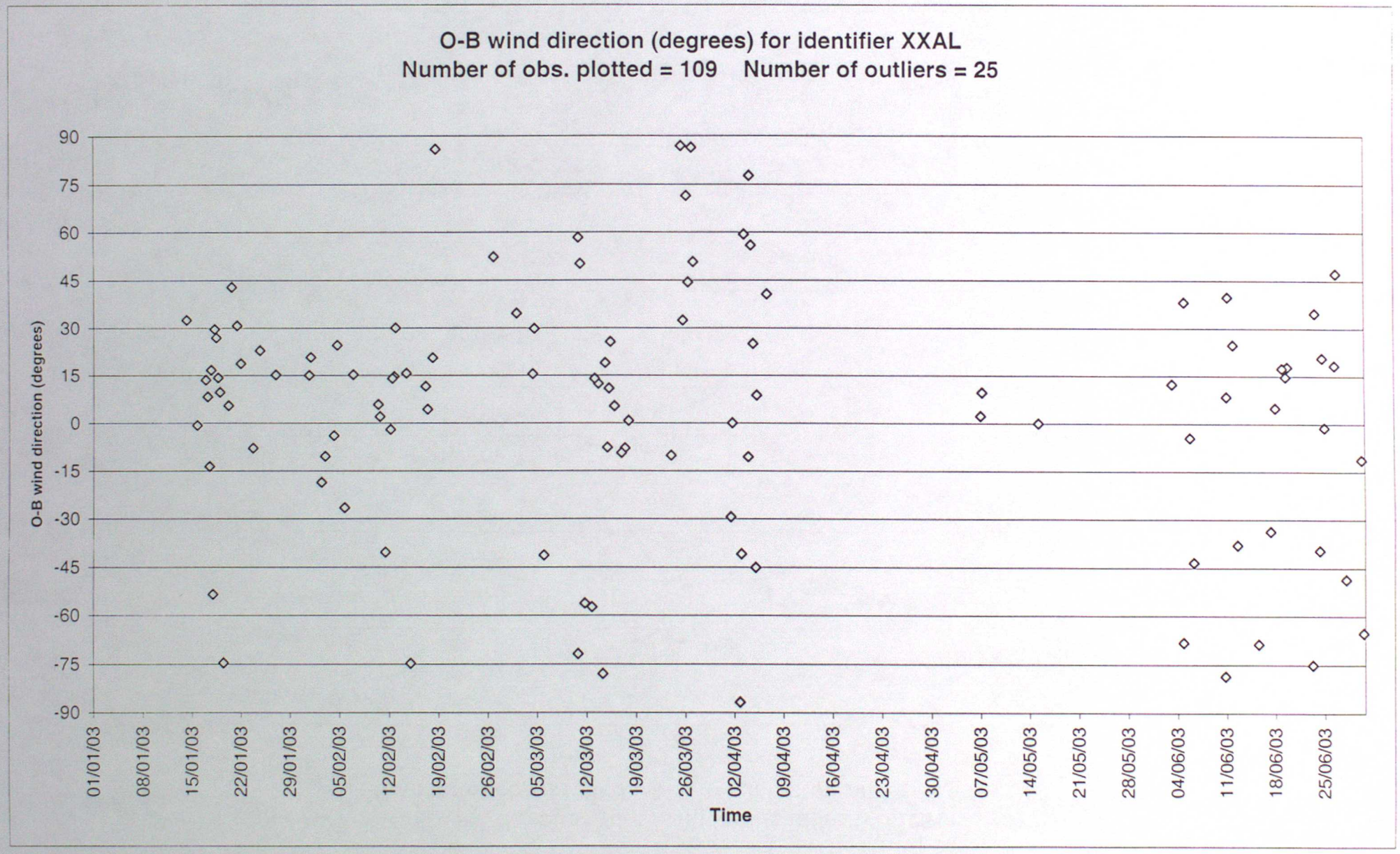
O-B wind direction (degrees) for identifier V7AT5
Number of obs. plotted = 176 Number of outliers = 49
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B wind direction (degrees) for identifier V7DB5
Number of obs. plotted = 69 Number of outliers = 33
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

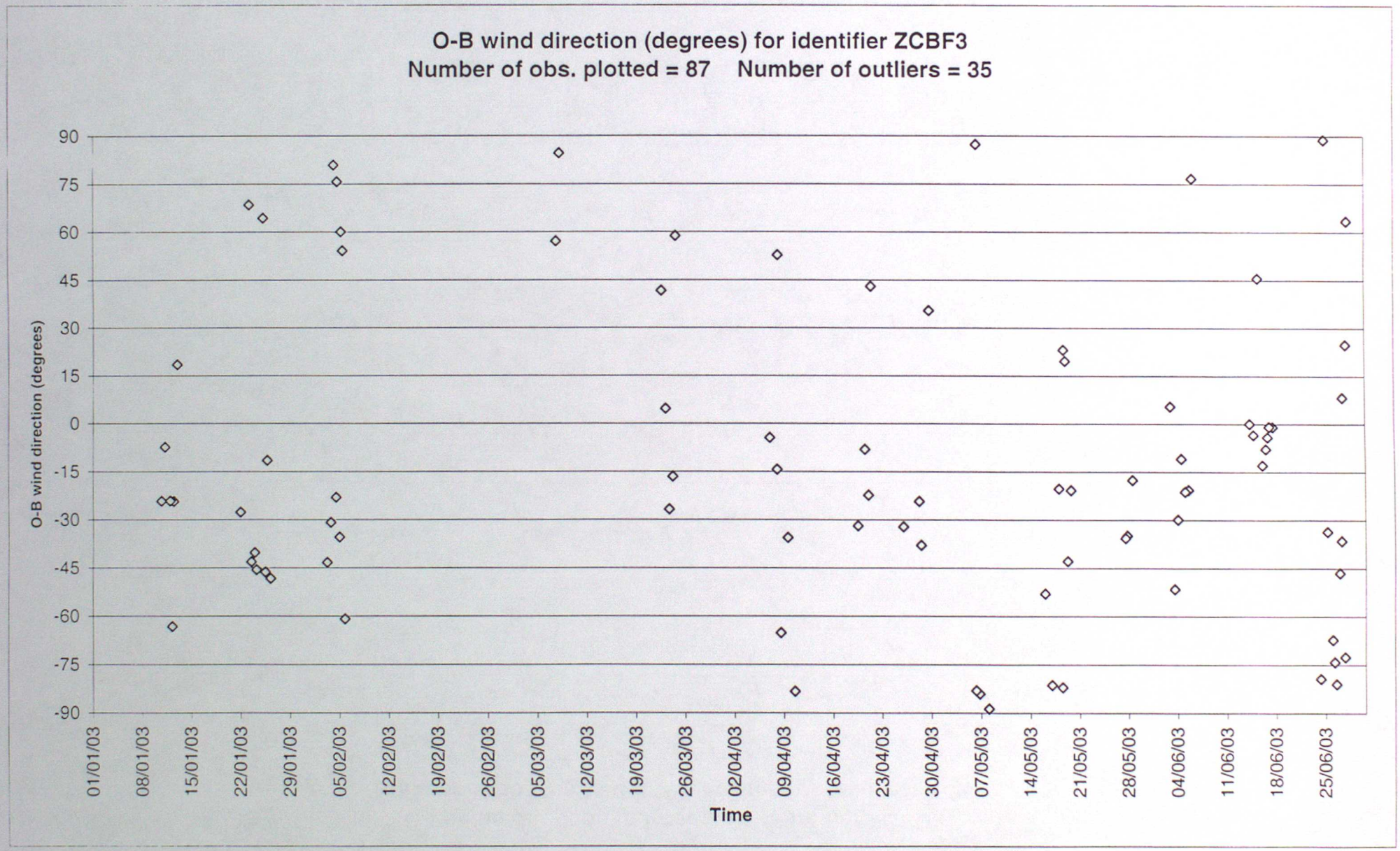
O-B wind direction (degrees) for identifier V7DQ8
Number of obs. plotted = 108 Number of outliers = 20
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

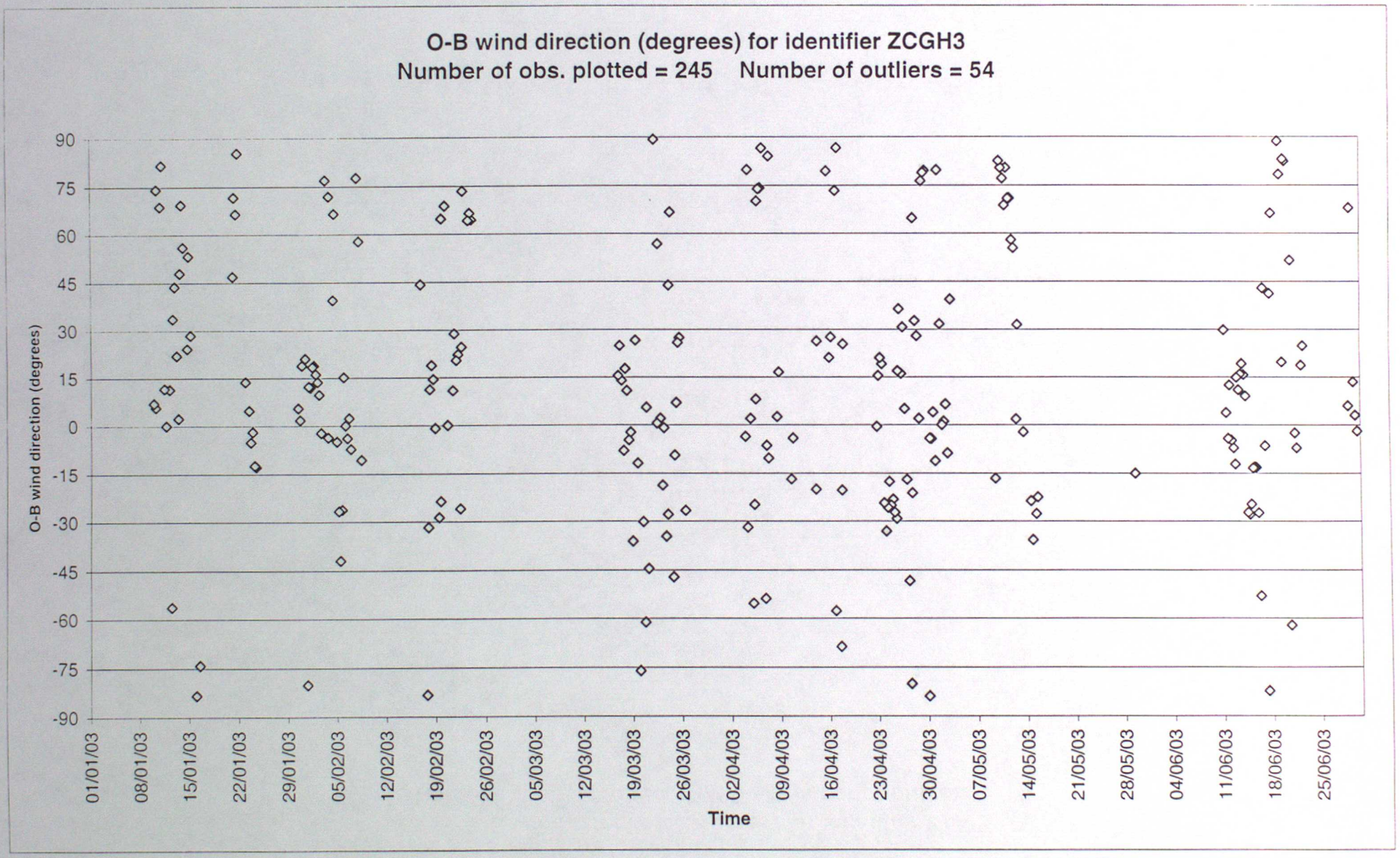

O-B wind direction (degrees) for identifier WCZ8589
Number of obs. plotted = 60 Number of outliers = 17
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

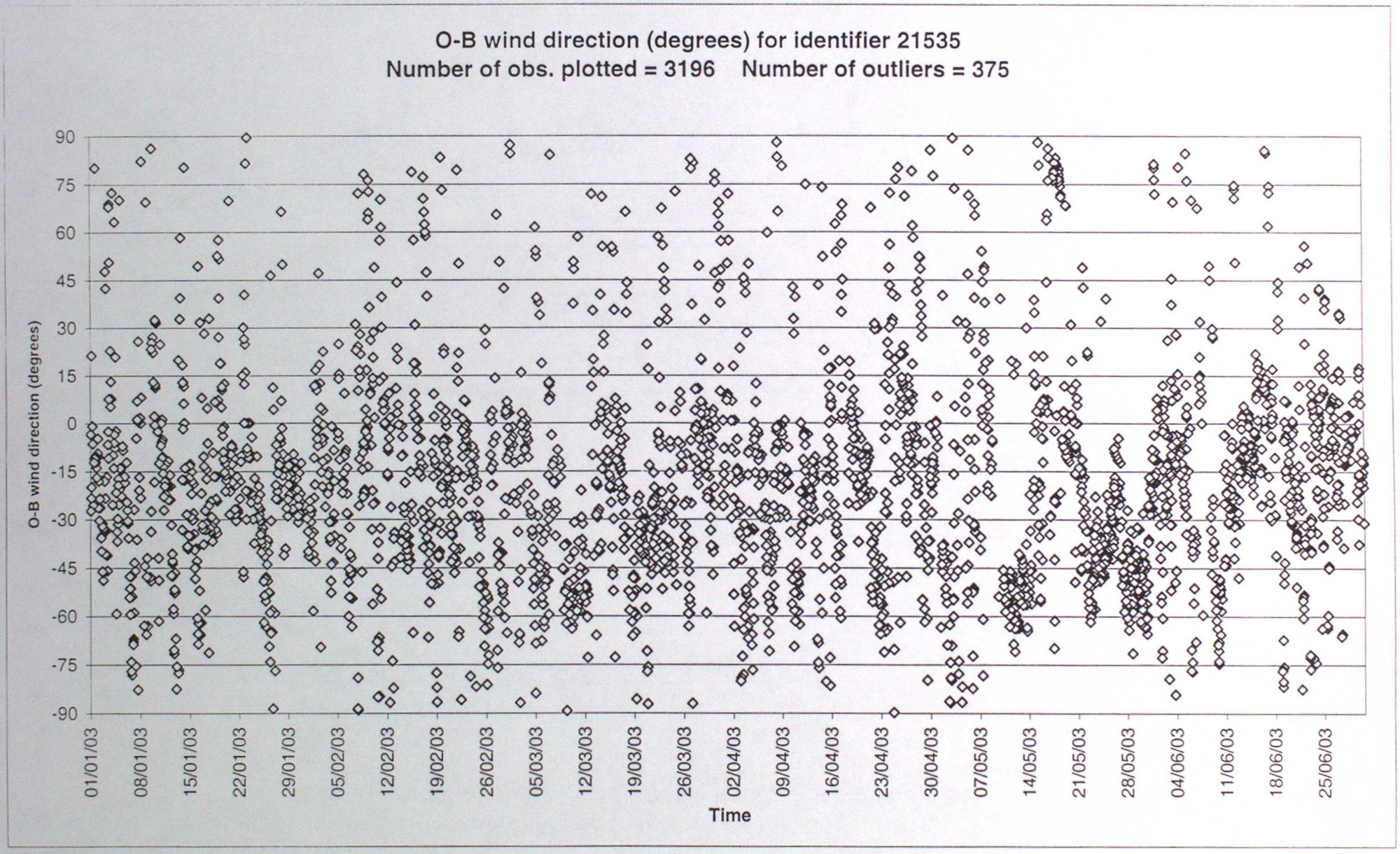

O-B wind direction (degrees) for identifier WDA2311
Number of obs. plotted = 120 Number of outliers = 35
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

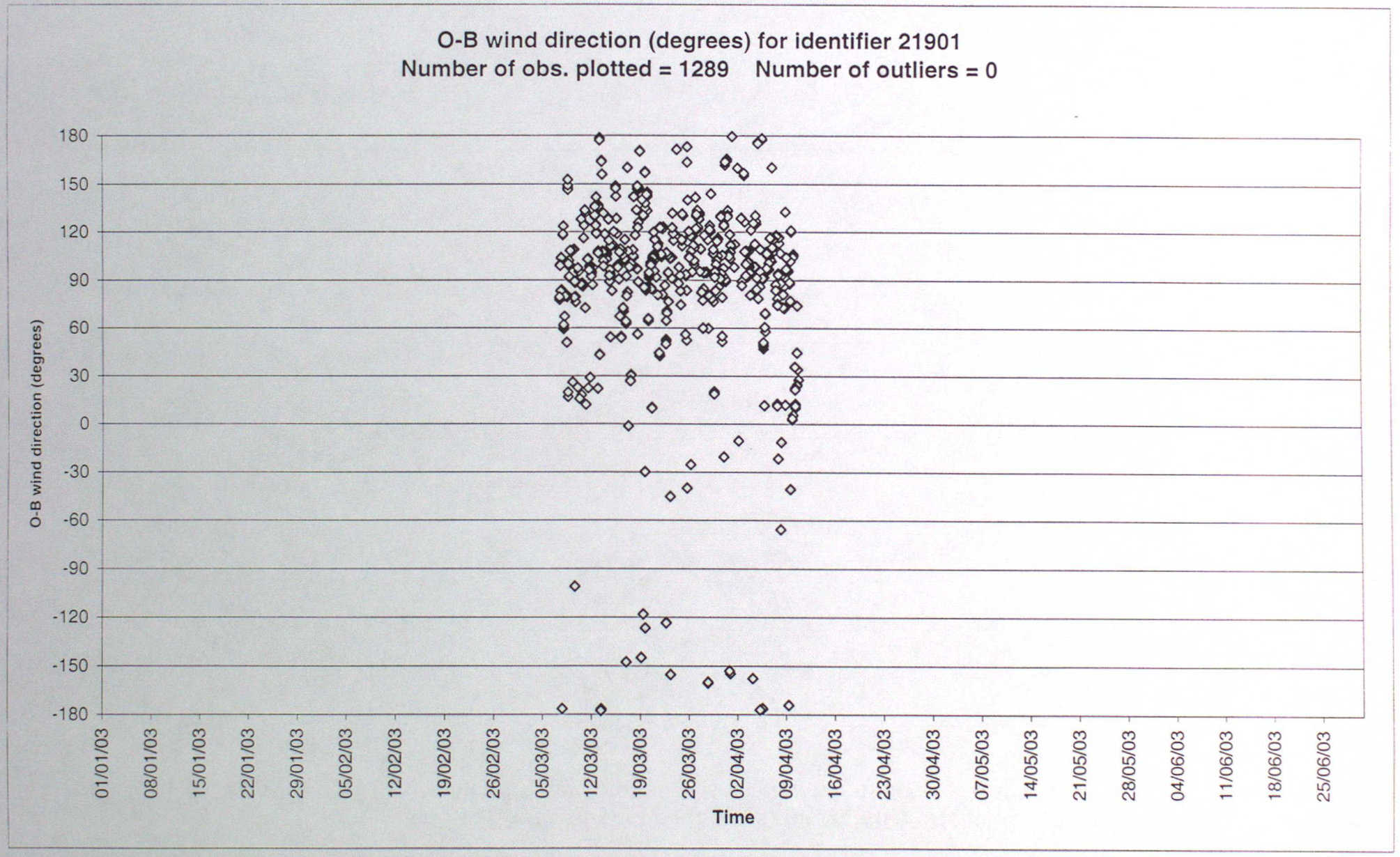

O-B wind direction (degrees) for identifier XXAL
Number of obs. plotted = 109 Number of outliers = 25
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B wind direction (degrees) for identifier ZCBD2
Number of obs. plotted = 106 Number of outliers = 28
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B wind direction (degrees) for identifier ZCBF3
Number of obs. plotted = 87 Number of outliers = 35
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

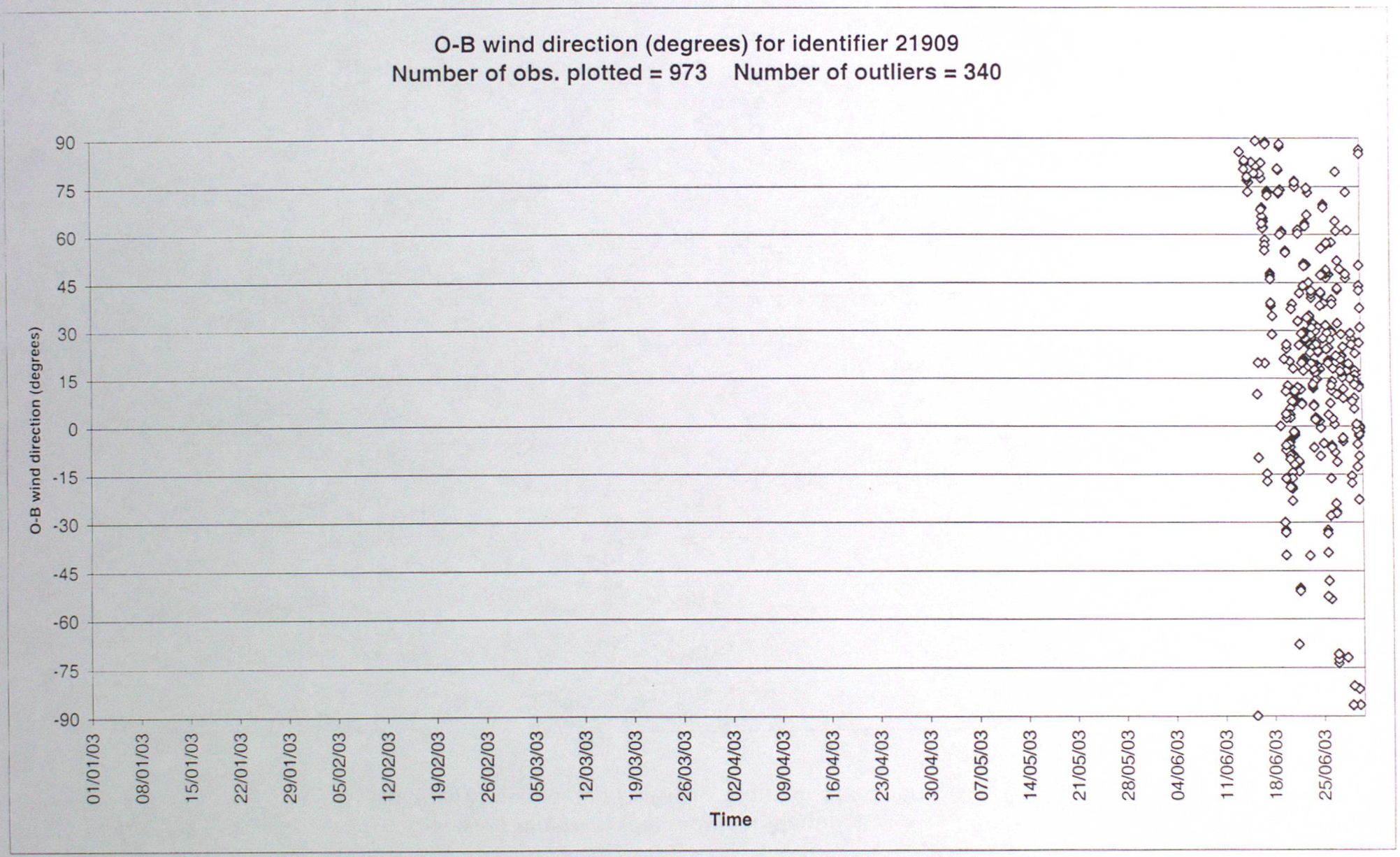

O-B wind direction (degrees) for identifier ZCGH3
Number of obs. plotted = 245 Number of outliers = 54
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

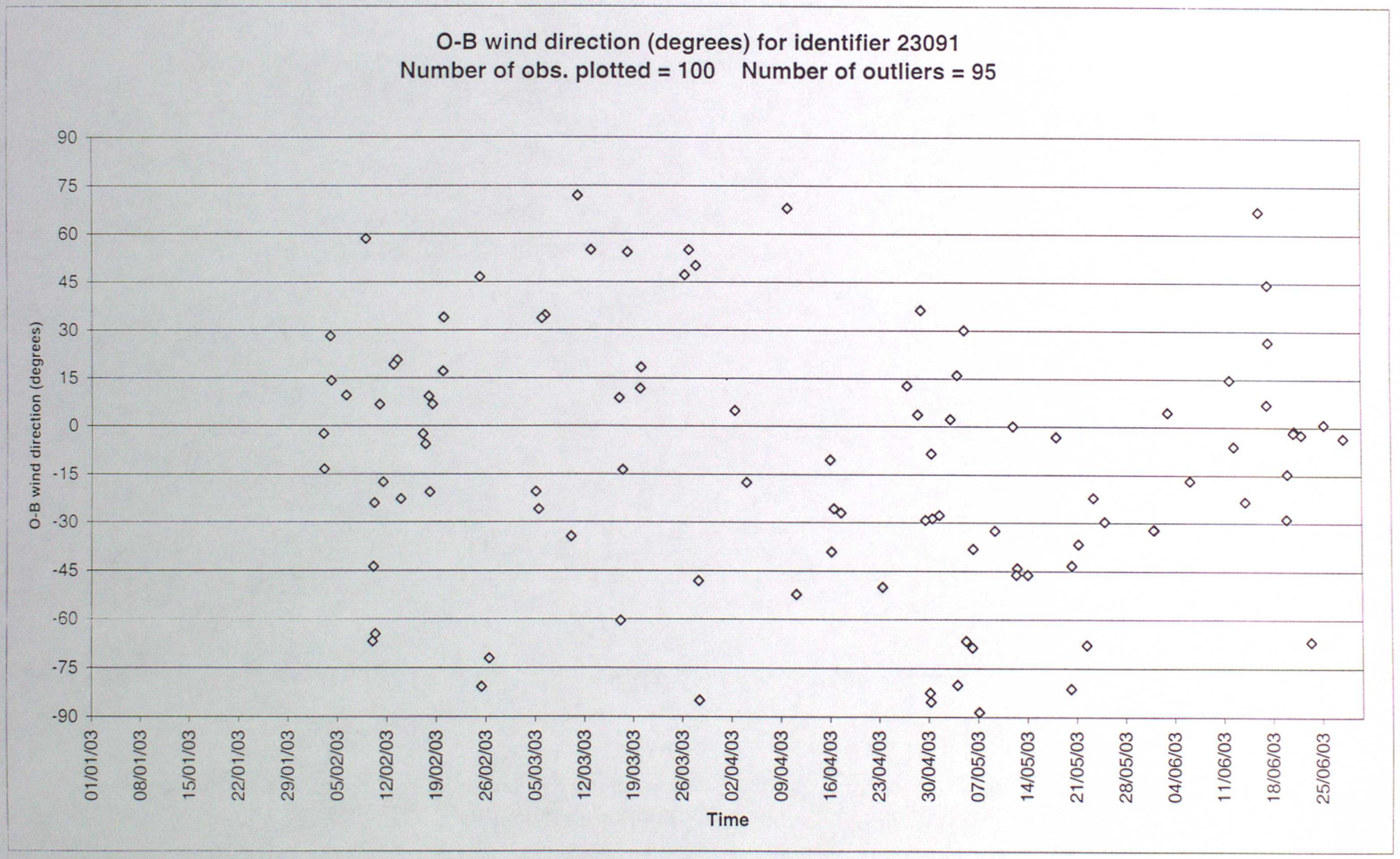

O-B wind direction (degrees) for identifier 21535
Number of obs. plotted = 3196 Number of outliers = 375
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind direction (degrees) for identifier 21901
Number of obs. plotted = 1289 Number of outliers = 0
O-B wind direction (degrees)
180
150
120
90
60
30
0
-30
-60
-90
-120
-150
-180
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B wind direction (degrees) for identifier 21902
Number of obs. plotted = 701 Number of outliers = 600
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B wind direction (degrees) for identifier 21904
Number of obs. plotted = 1131 Number of outliers = 0
O-B wind direction (degrees)
180
150
120
90
60
30
0
-30
-60
-90
-120
-150
-180
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

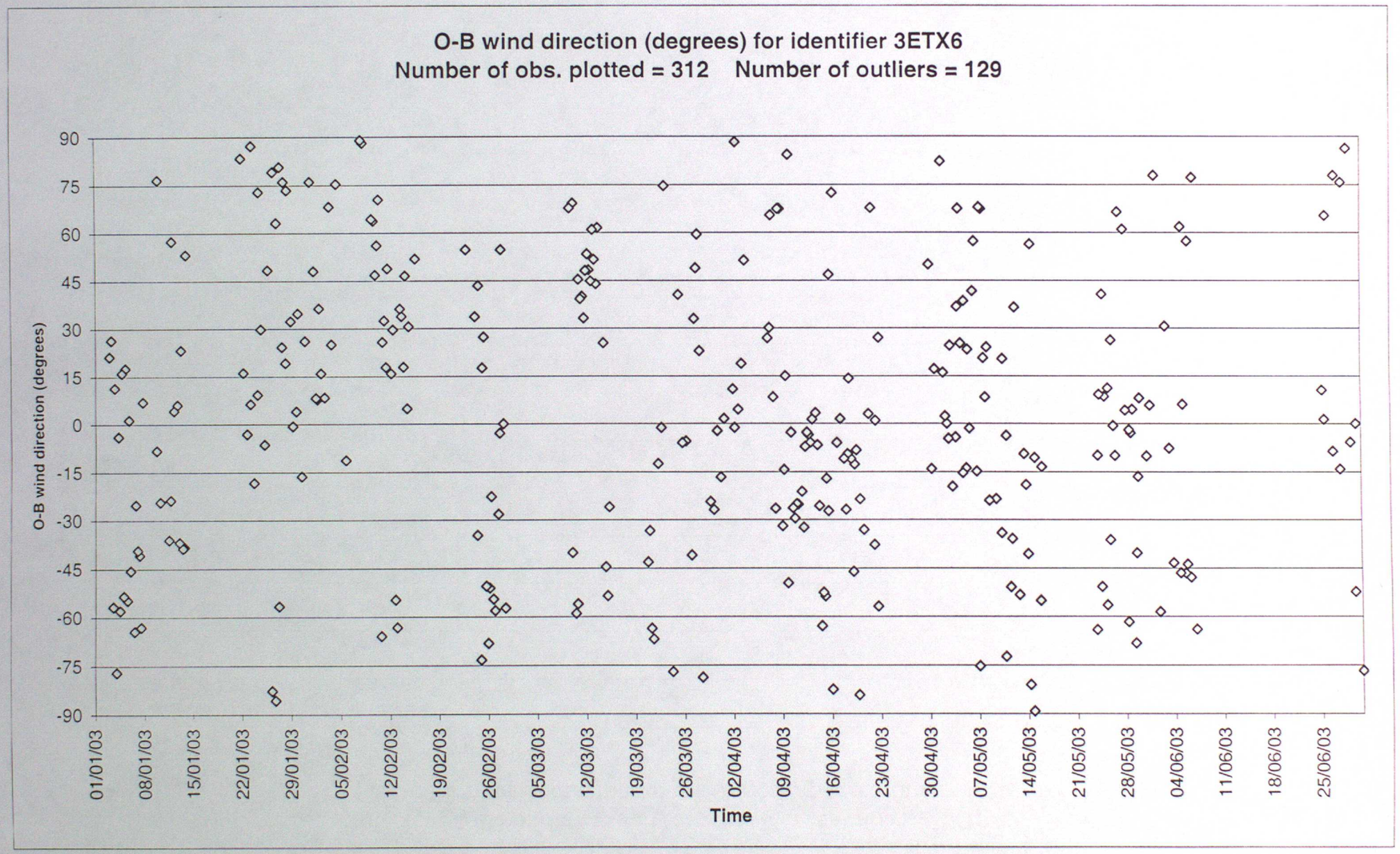

O-B wind direction (degrees) for identifier 21909
Number of obs. plotted = 973 Number of outliers = 340
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

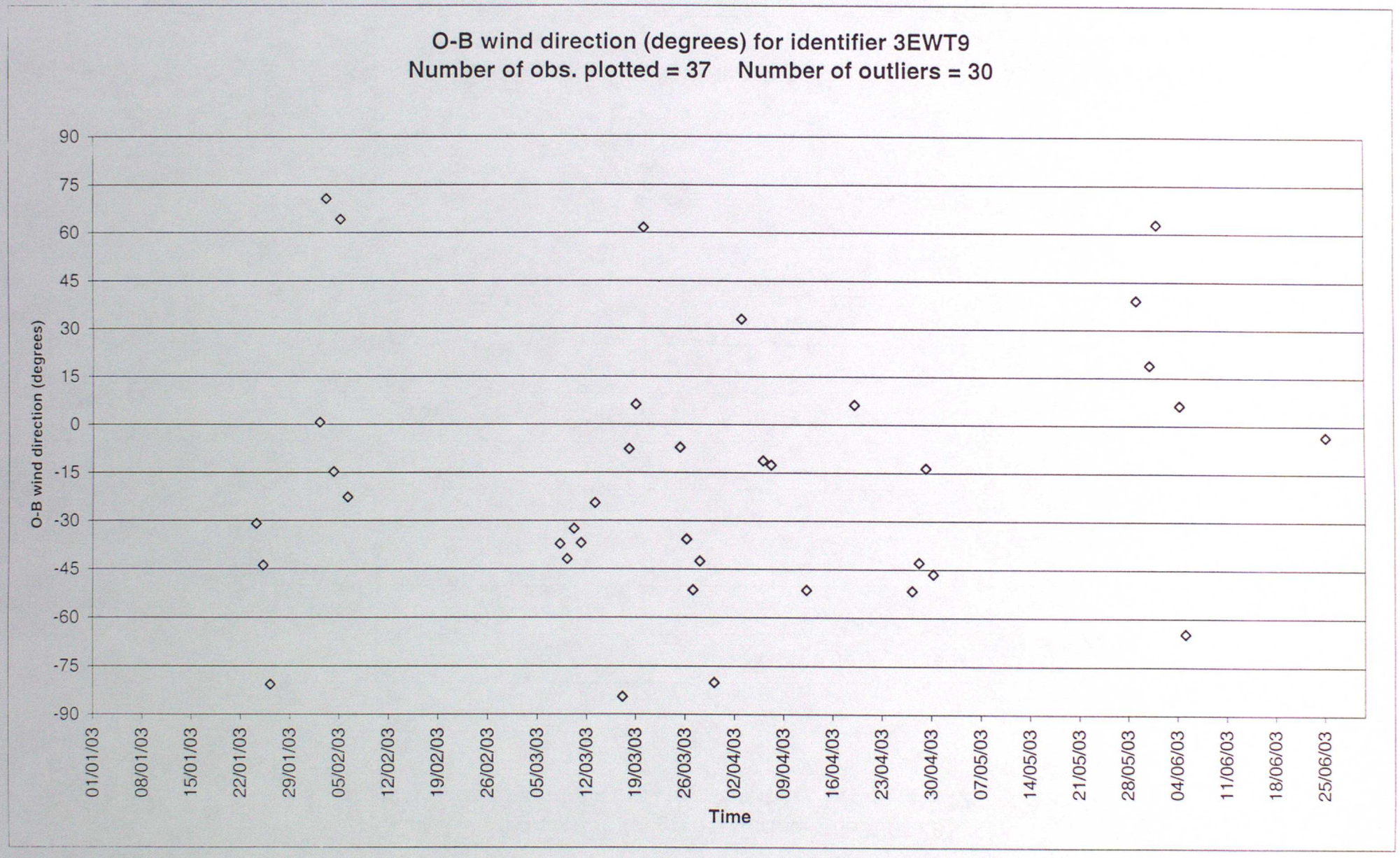

O-B wind direction (degrees) for identifier 23091
Number of obs. plotted = 100 Number of outliers = 95
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B wind direction (degrees) for identifier 23102
Number of obs. plotted = 4 Number of outliers = 59
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

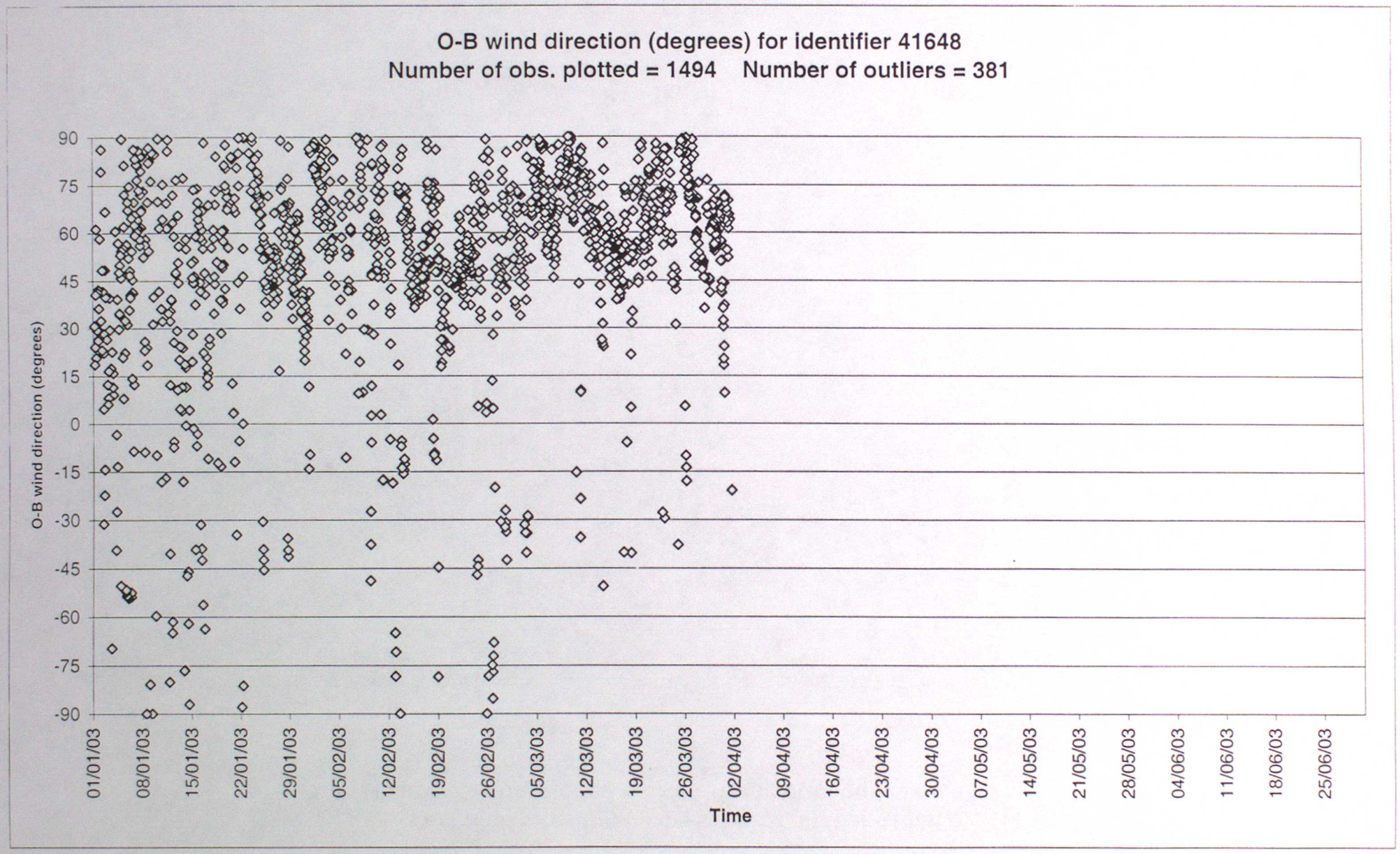
O-B wind direction (degrees) for identifier 23168
Number of obs. plotted = 115 Number of outliers = 111
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B wind direction (degrees) for identifier 23594
Number of obs. plotted = 459 Number of outliers = 671
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

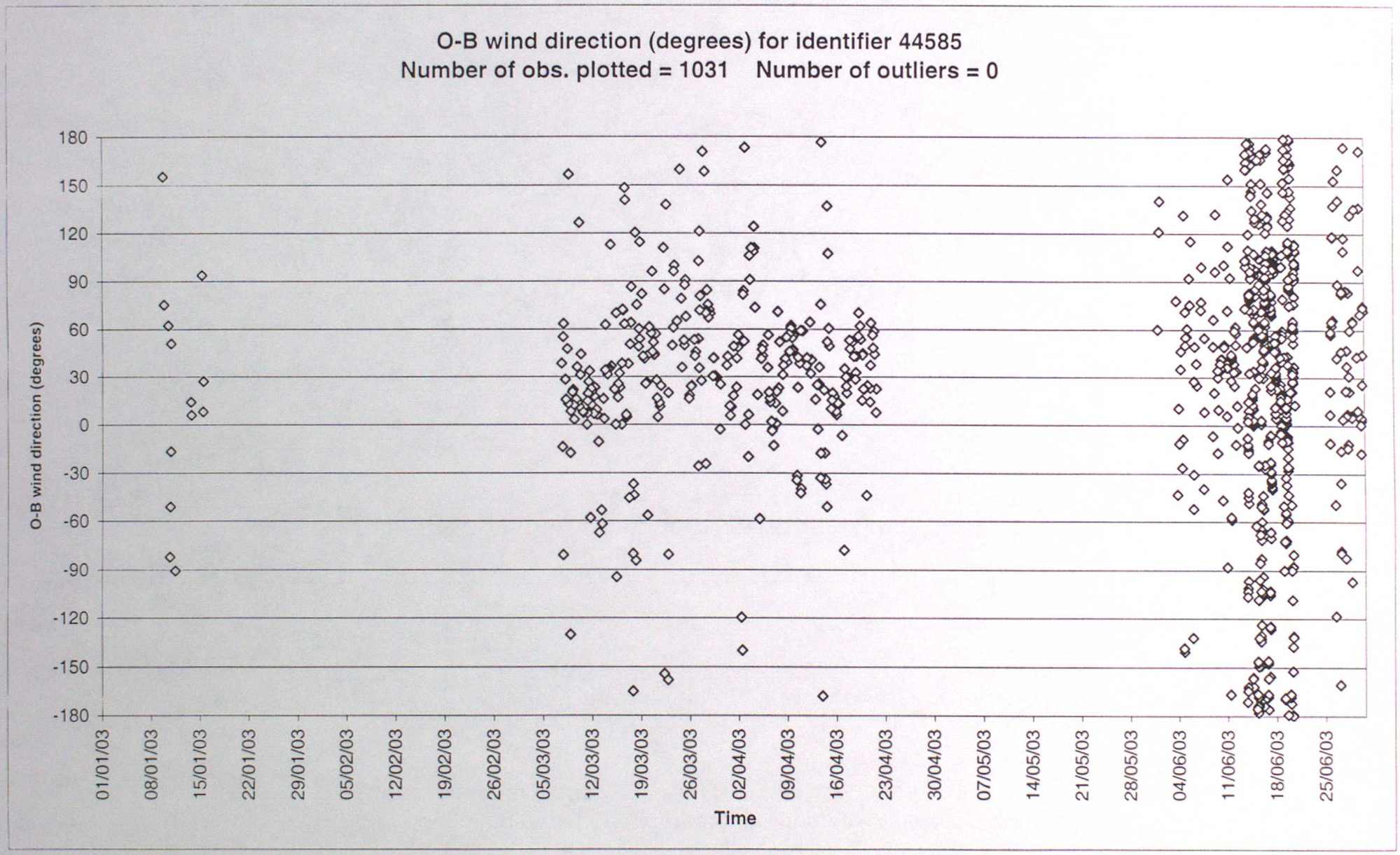

O-B wind direction (degrees) for identifier 3ETX6
Number of obs. plotted = 312 Number of outliers = 129
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

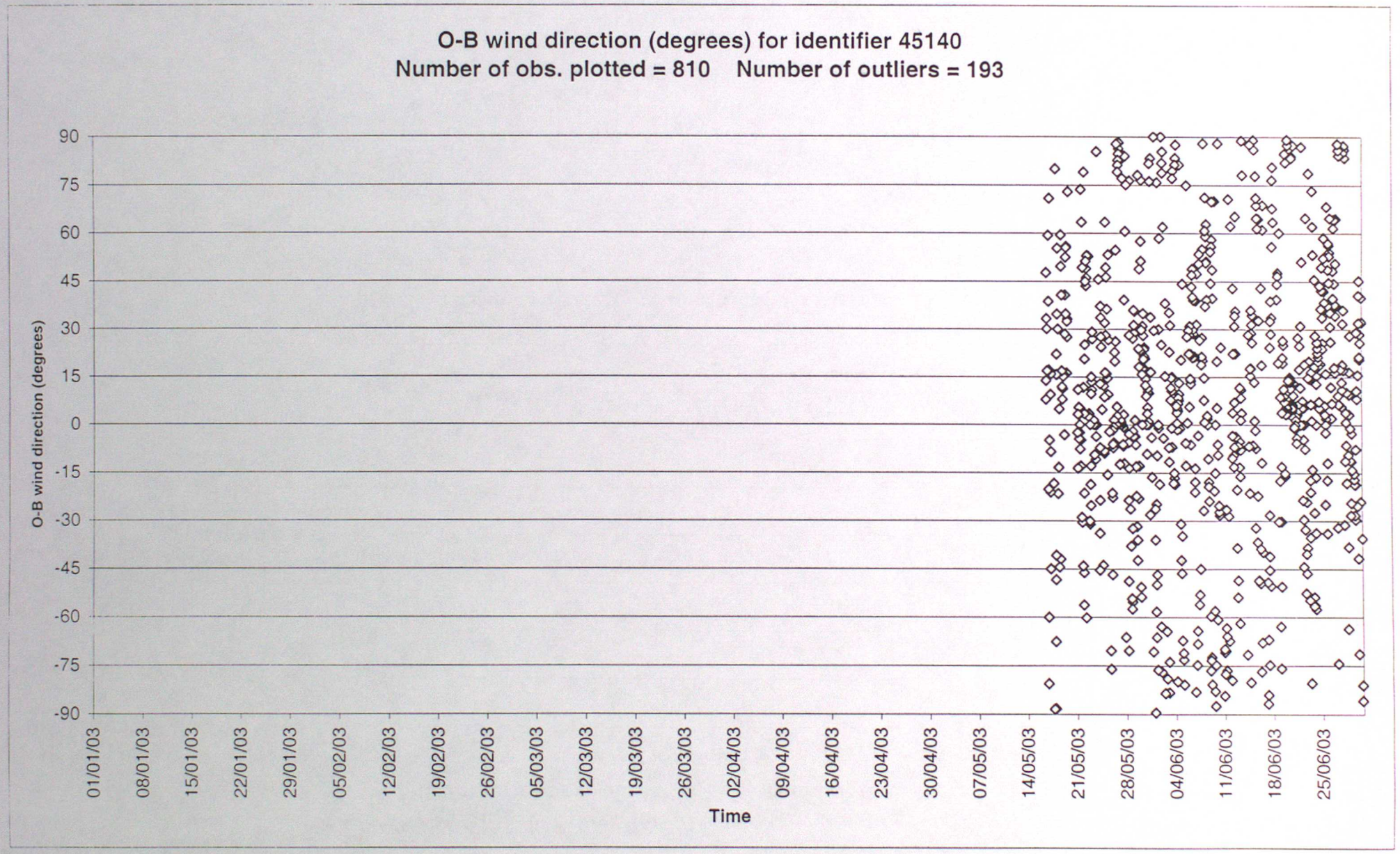

O-B wind direction (degrees) for identifier 3EWT9
Number of obs. plotted = 37 Number of outliers = 30
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

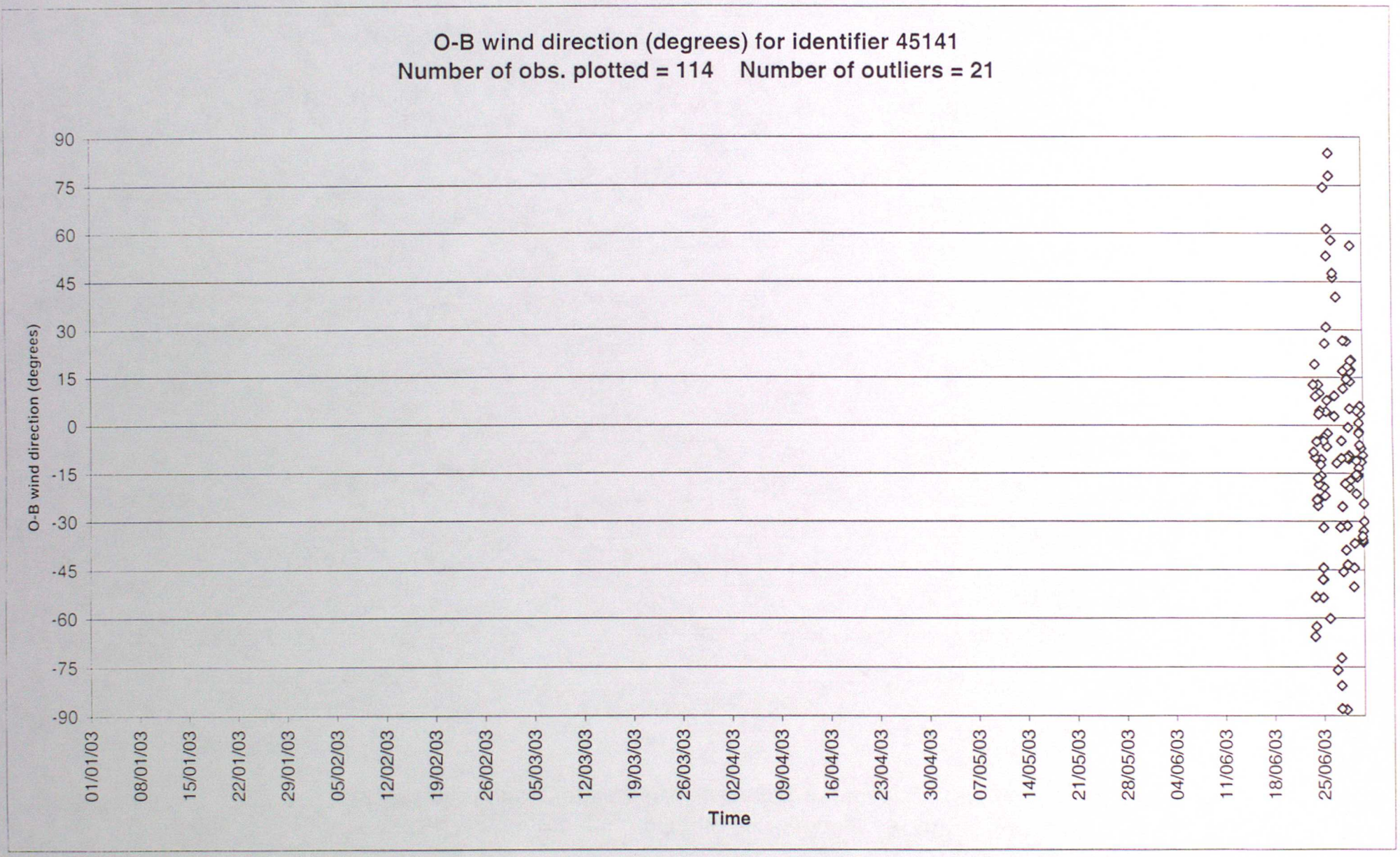
O-B wind direction (degrees) for identifier 41532
Number of obs. plotted = 3658 Number of outliers = 474
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind direction (degrees) for identifier 41648
Number of obs. plotted = 1494 Number of outliers = 381
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

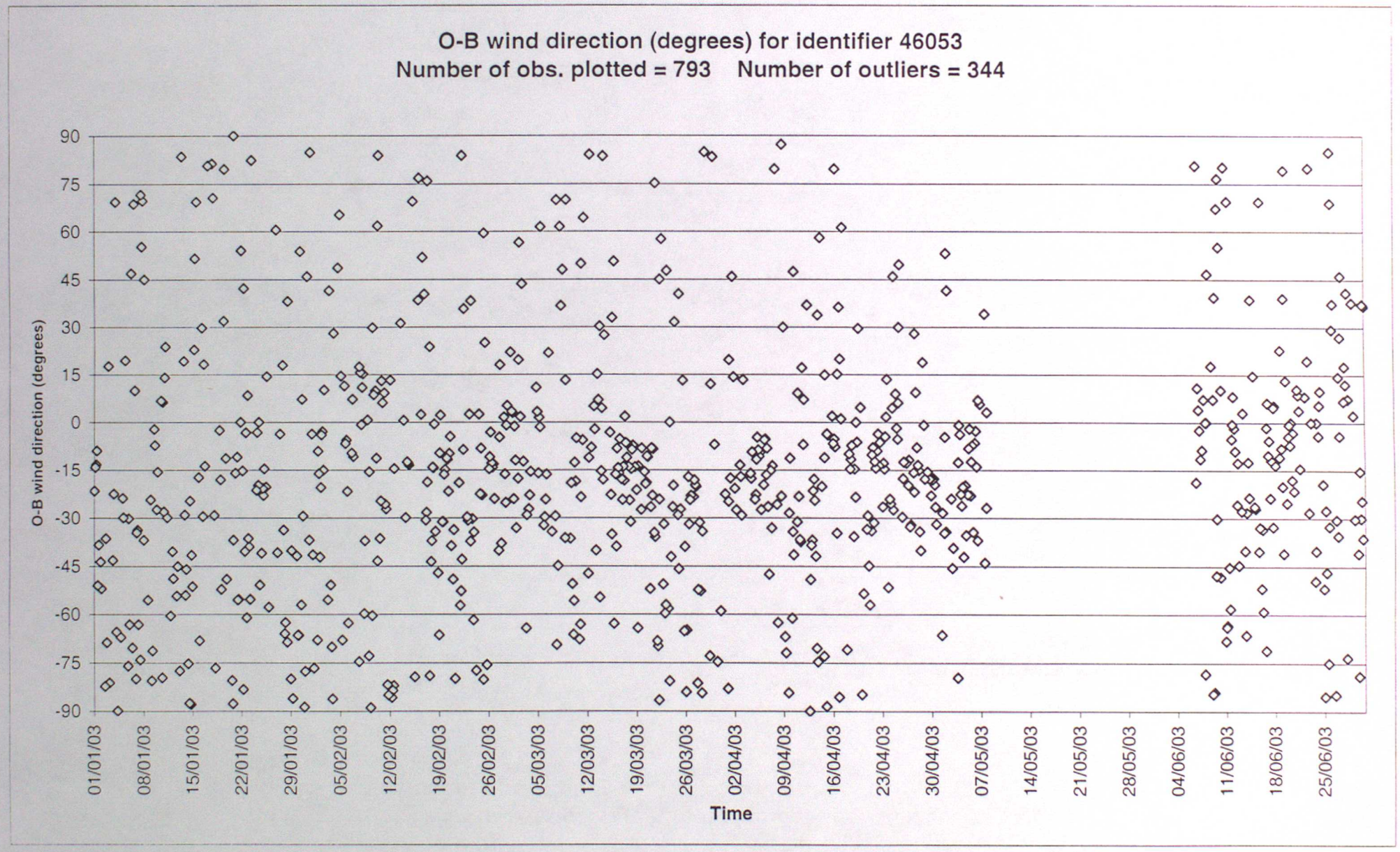
O-B wind direction (degrees) for identifier 42044
Number of obs. plotted = 3721 Number of outliers = 1169
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B wind direction (degrees) for identifier 44585
Number of obs. plotted = 1031 Number of outliers = 0
O-B wind direction (degrees)
180
150
120
90
60
30
0
-30
-60
-90
-120
-150
-180
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind direction (degrees) for identifier 45140
Number of obs. plotted = 810 Number of outliers = 193
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

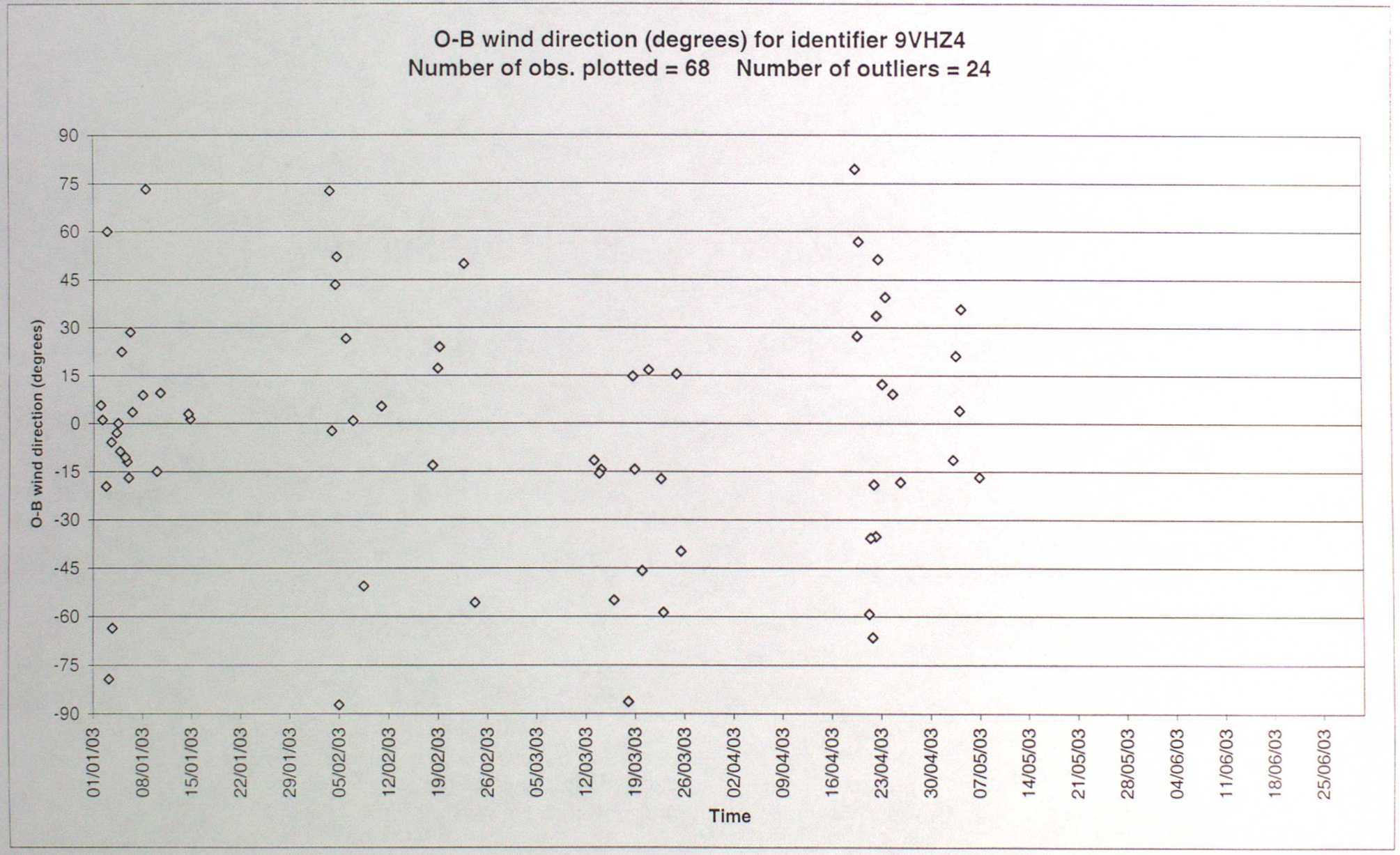

O-B wind direction (degrees) for identifier 45141
Number of obs. plotted = 114 Number of outliers = 21
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

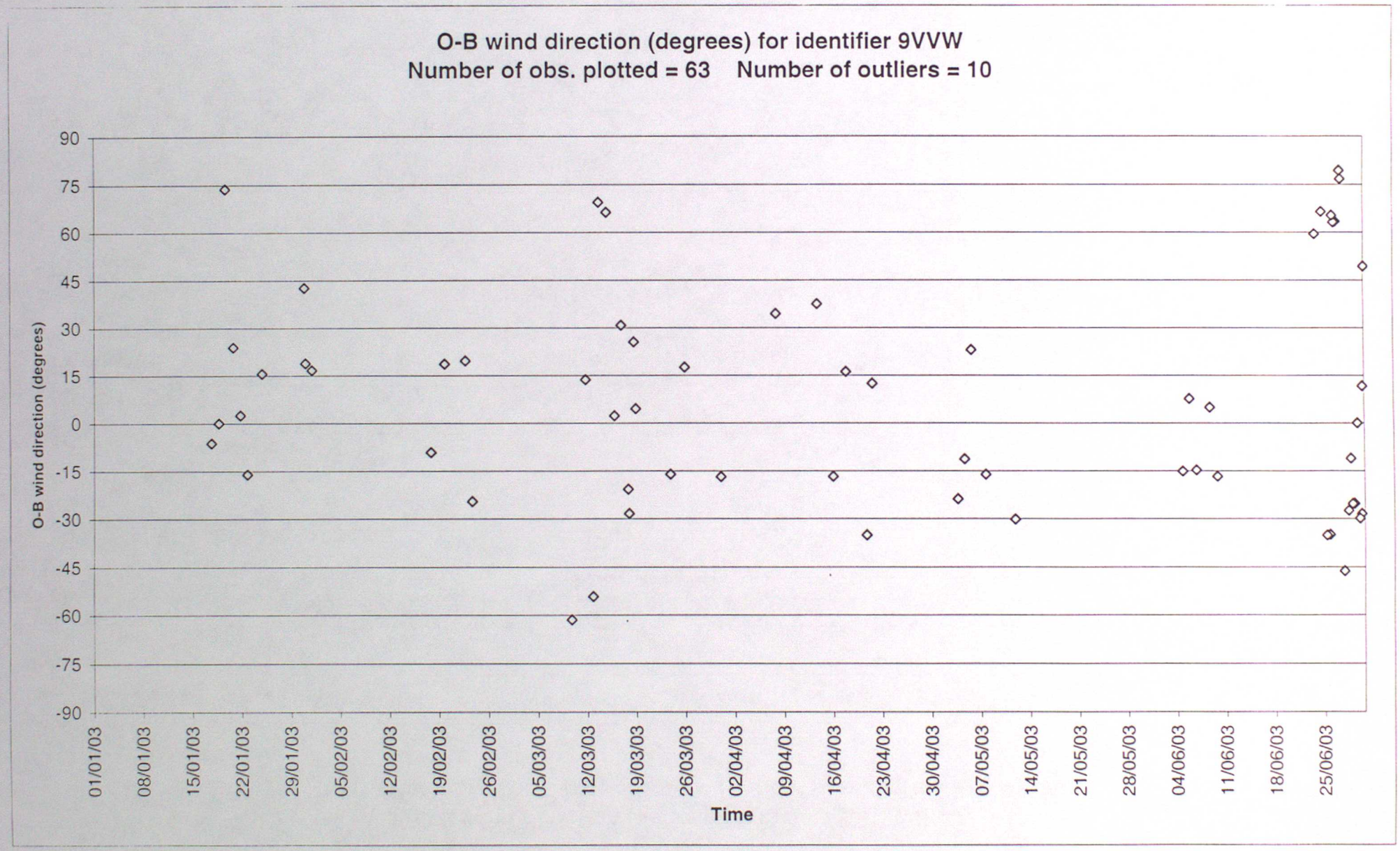
O-B wind direction (degrees) for identifier 46025
Number of obs. plotted = 1033 Number of outliers = 325
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind direction (degrees) for identifier 46053
Number of obs. plotted = 793 Number of outliers = 344
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B wind direction (degrees) for identifier 52006
Number of obs. plotted = 68 Number of outliers = 24
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B wind direction (degrees) for identifier 52643
Number of obs. plotted = 908 Number of outliers = 0
O-B wind direction (degrees)
180
150
120
90
60
30
0
-30
-60
-90
-120
-150
-180
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind direction (degrees) for identifier 9VHZ4
Number of obs. plotted = 68 Number of outliers = 24
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B wind direction (degrees) for identifier 9VVW
Number of obs. plotted = 63 Number of outliers = 10
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

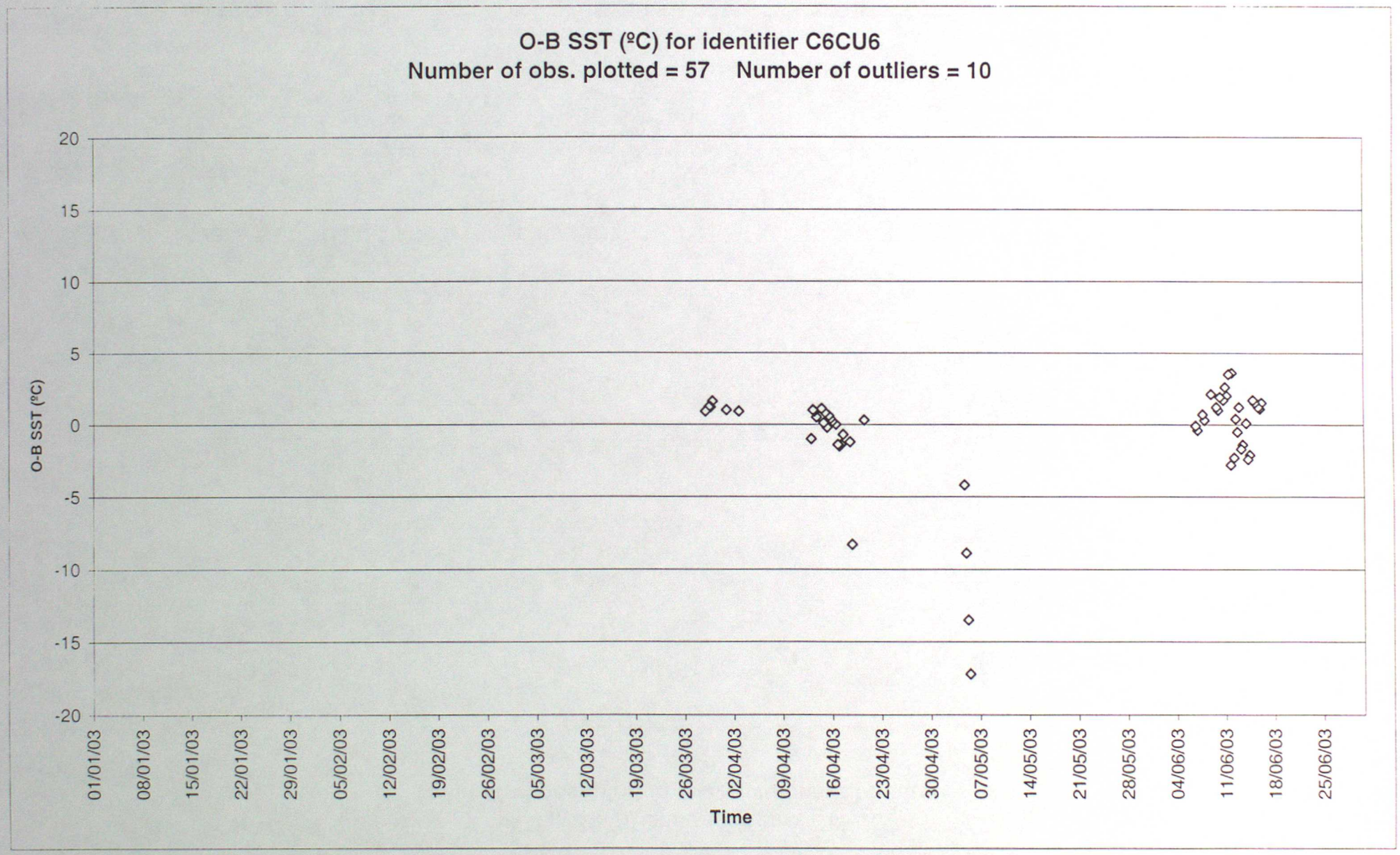
O-B SST (ºC) for identifier CGSQ
Number of obs. plotted = 49 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier CGDS
Number of obs. plotted = 414 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

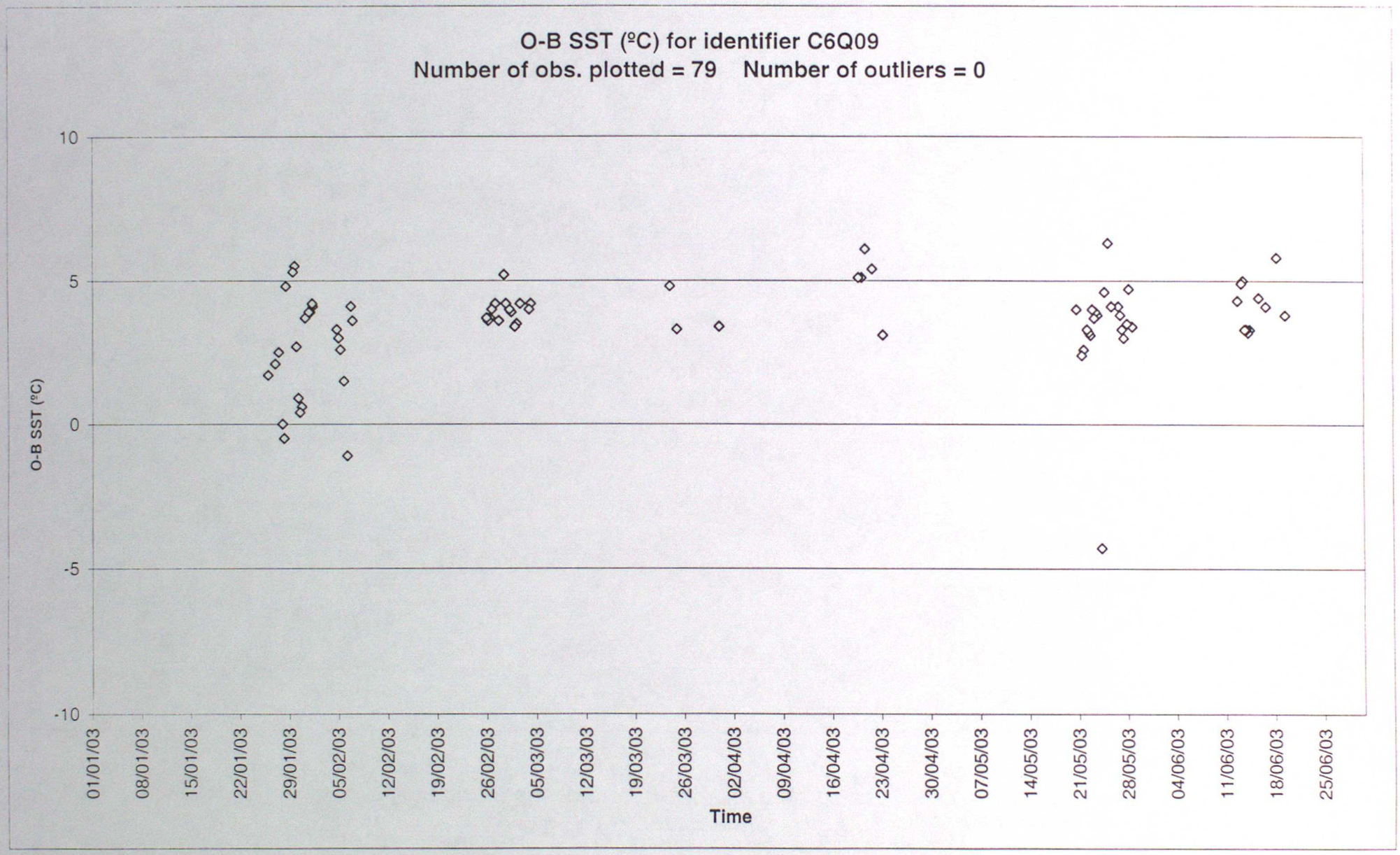
O-B SST (ºC) for identifier CG2522
Number of obs. plotted = 498 Number of outliers = 42
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier CG2350
Number of obs. plotted = 443 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

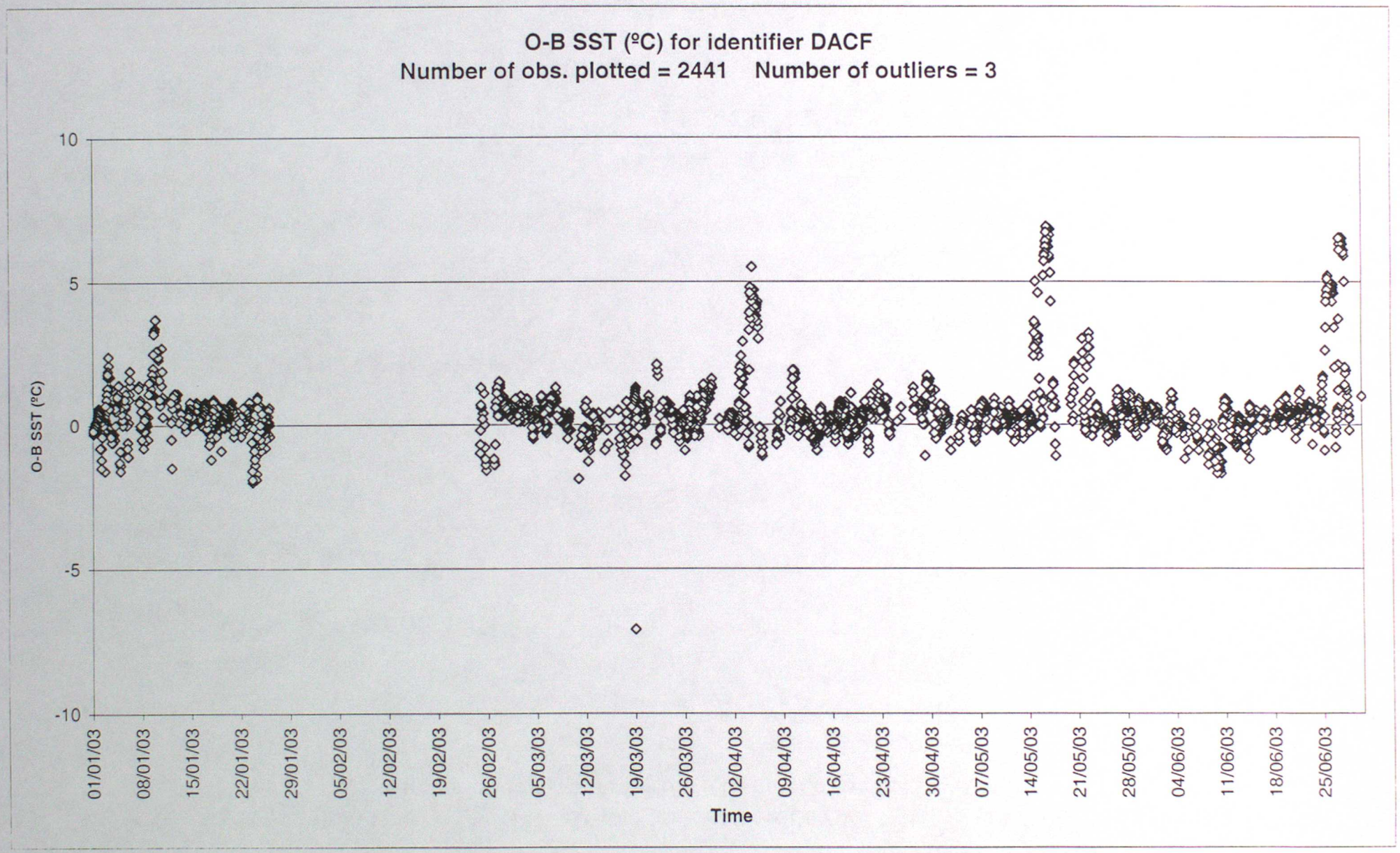
O-B SST (ºC) for identifier C6FU6
Number of obs. plotted = 46 Number of outliers = 1
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier C6CU6
Number of obs. plotted = 57 Number of outliers = 10
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier C6QO9
Number of obs. plotted = 61 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B SST (ºC) for identifier C6Q09
Number of obs. plotted = 79 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier C6YW
Number of obs. plotted = 160 Number of outliers = 30
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier DACF
Number of obs. plotted = 2441 Number of outliers = 3
O-B SST (ºC)
10
5
0
-5
-10
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier DBFO
Number of obs. plotted = 2308 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier DGCP
Number of obs. plotted = 167 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier ELKU8
Number of obs. plotted = 60 Number of outliers = 7
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

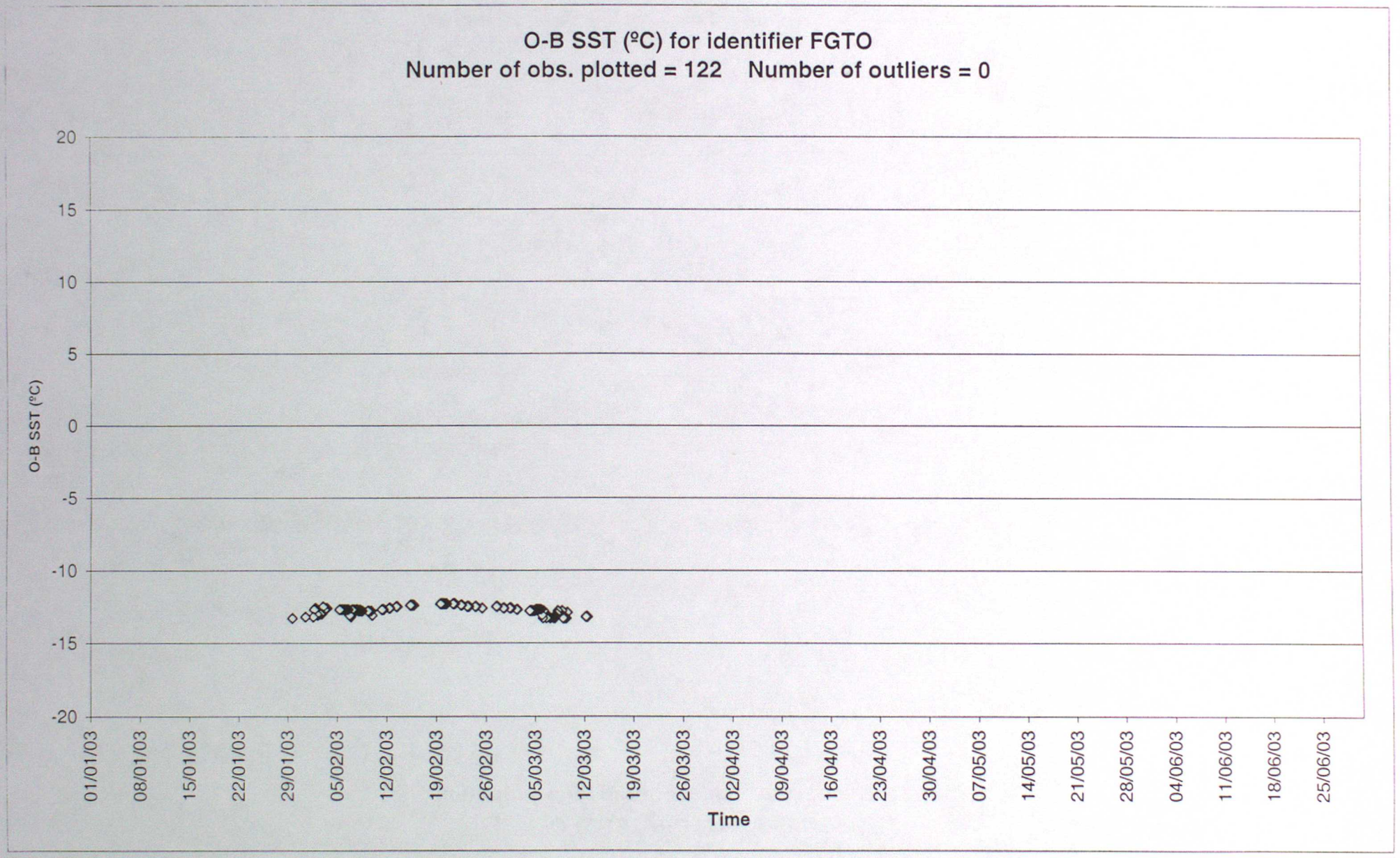
O-B SST (ºC) for identifier ELOG5
Number of obs. plotted = 272 Number of outliers = 1
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

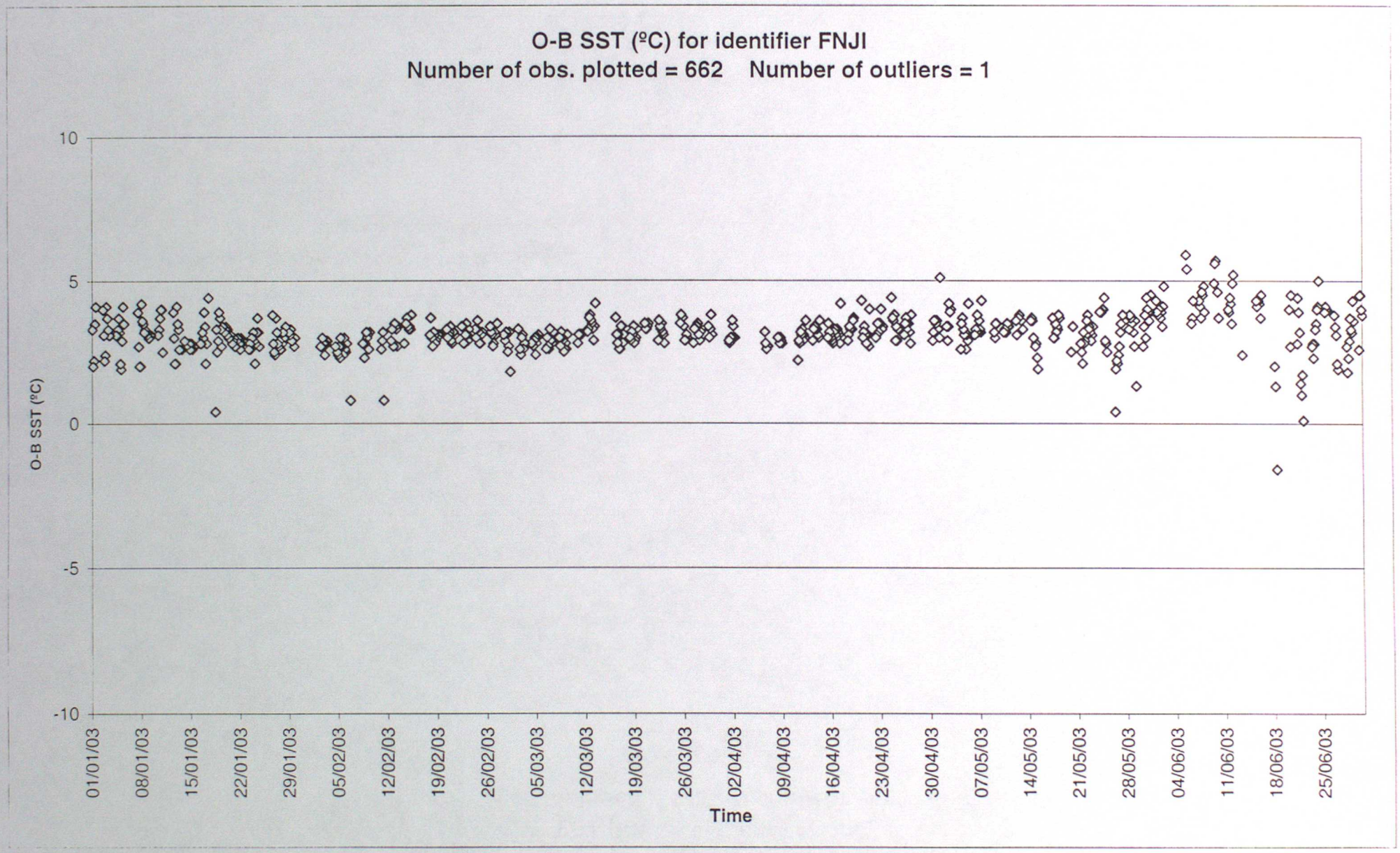
O-B SST (ºC) for identifier ELSM9
Number of obs. plotted = 79 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

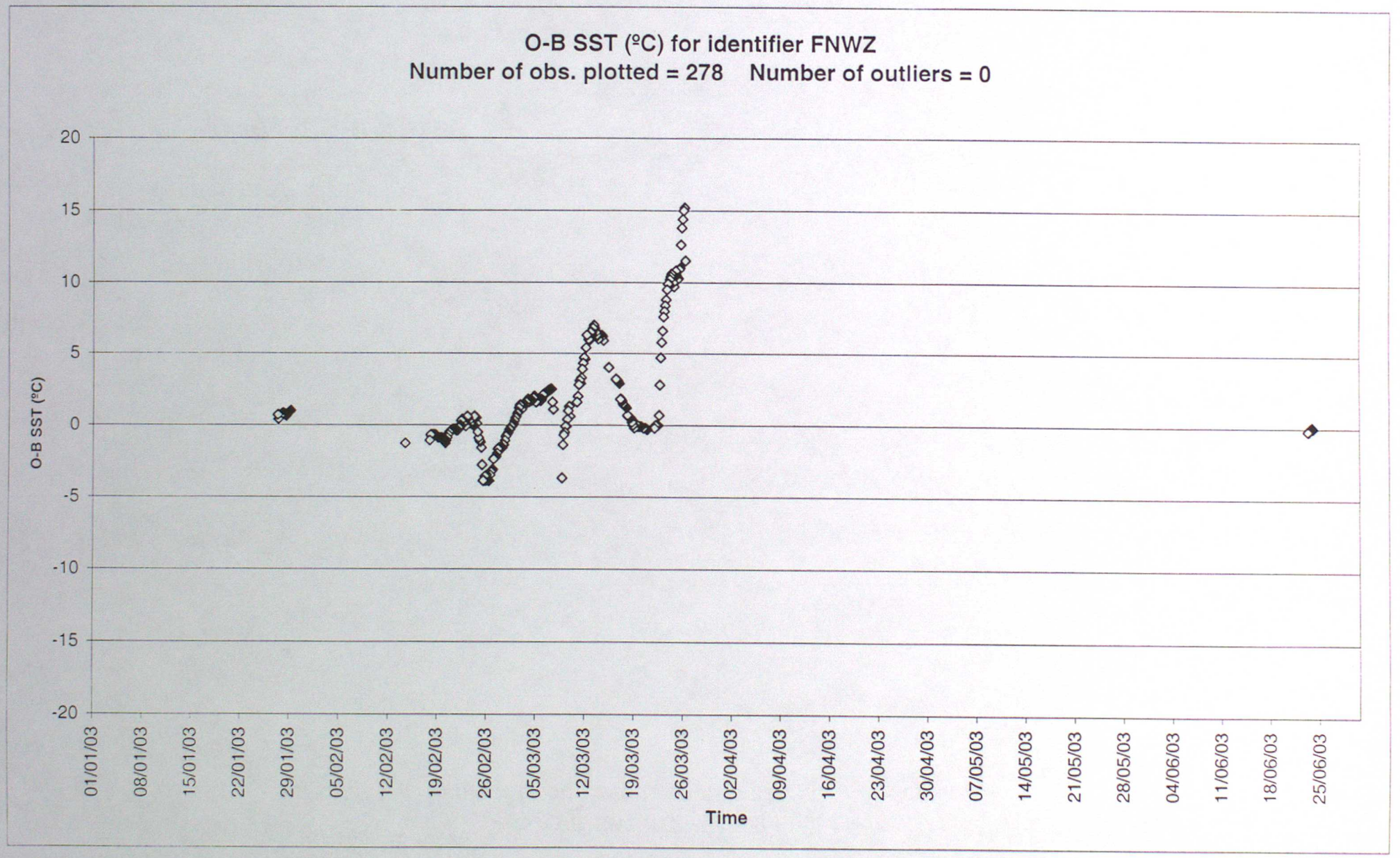
O-B SST (ºC) for identifier ELWY3
Number of obs. plotted = 259 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

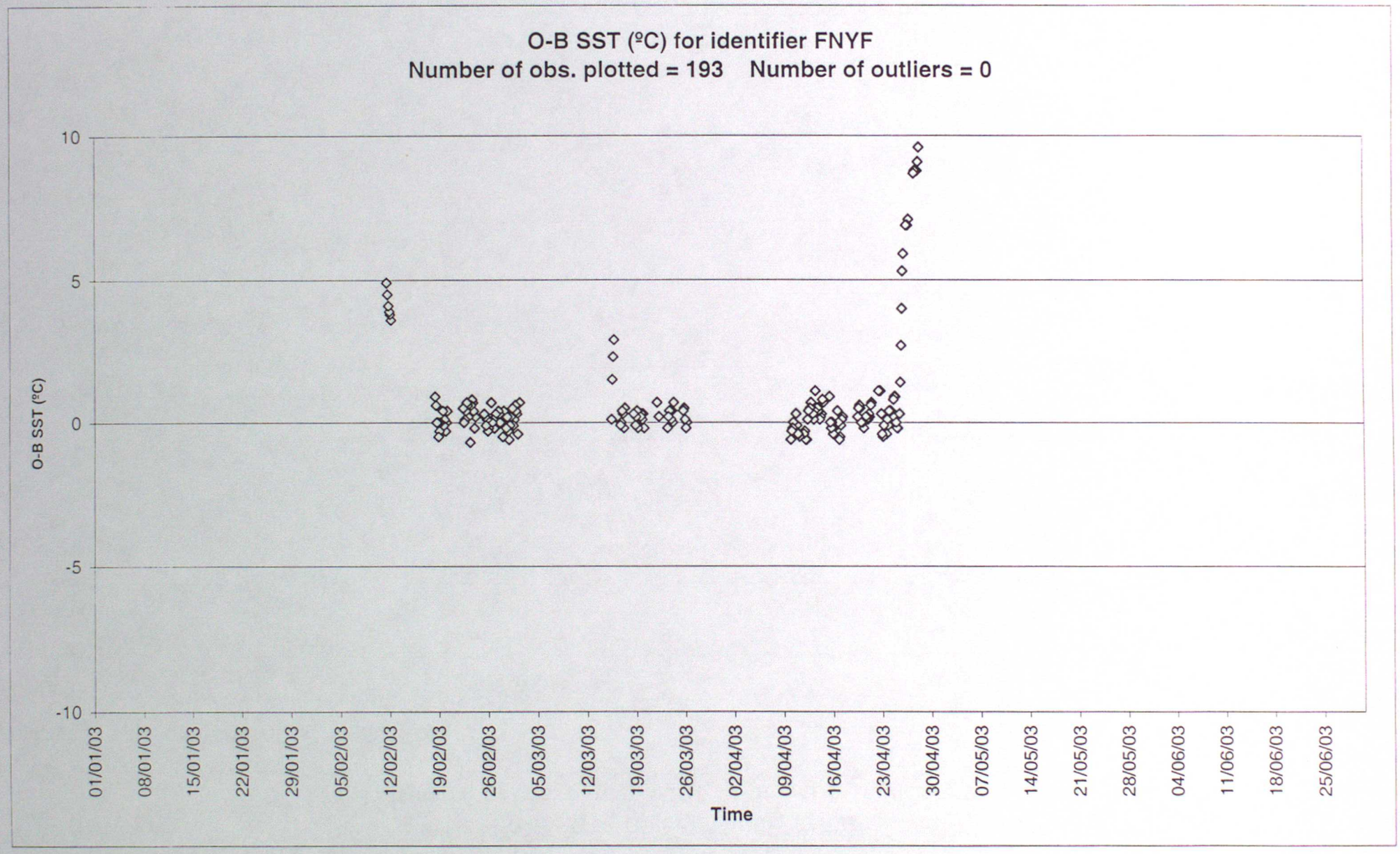
O-B SST (ºC) for identifier ELXO4
Number of obs. plotted = 59 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

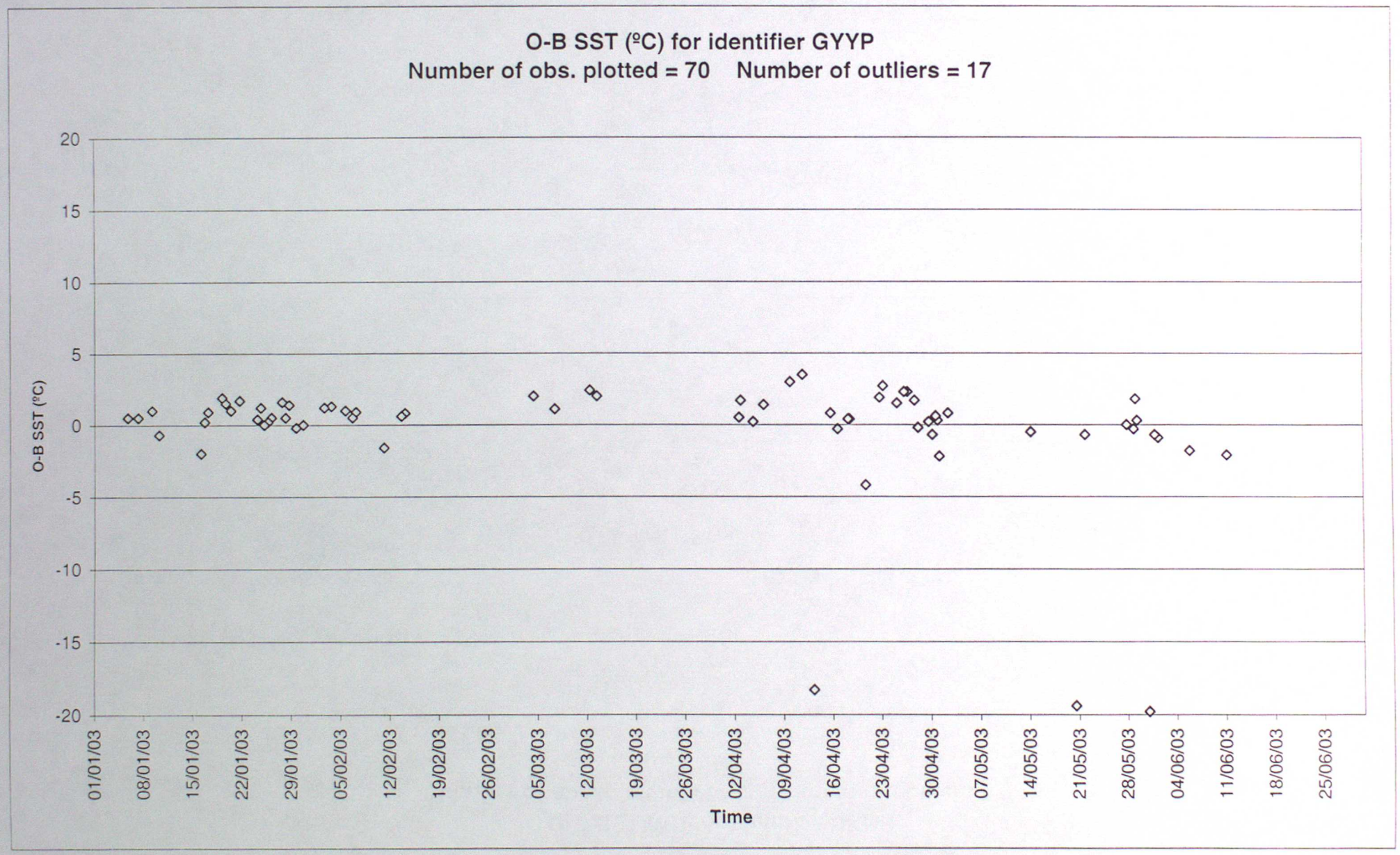
O-B SST (ºC) for identifier ELXU2
Number of obs. plotted = 42 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier FGTO
Number of obs. plotted = 122 Number of outliers = 0
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B SST (ºC) for identifier FNJI
Number of obs. plotted = 662 Number of outliers = 1
O-B SST (ºC)
10
5
0
-5
-10
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

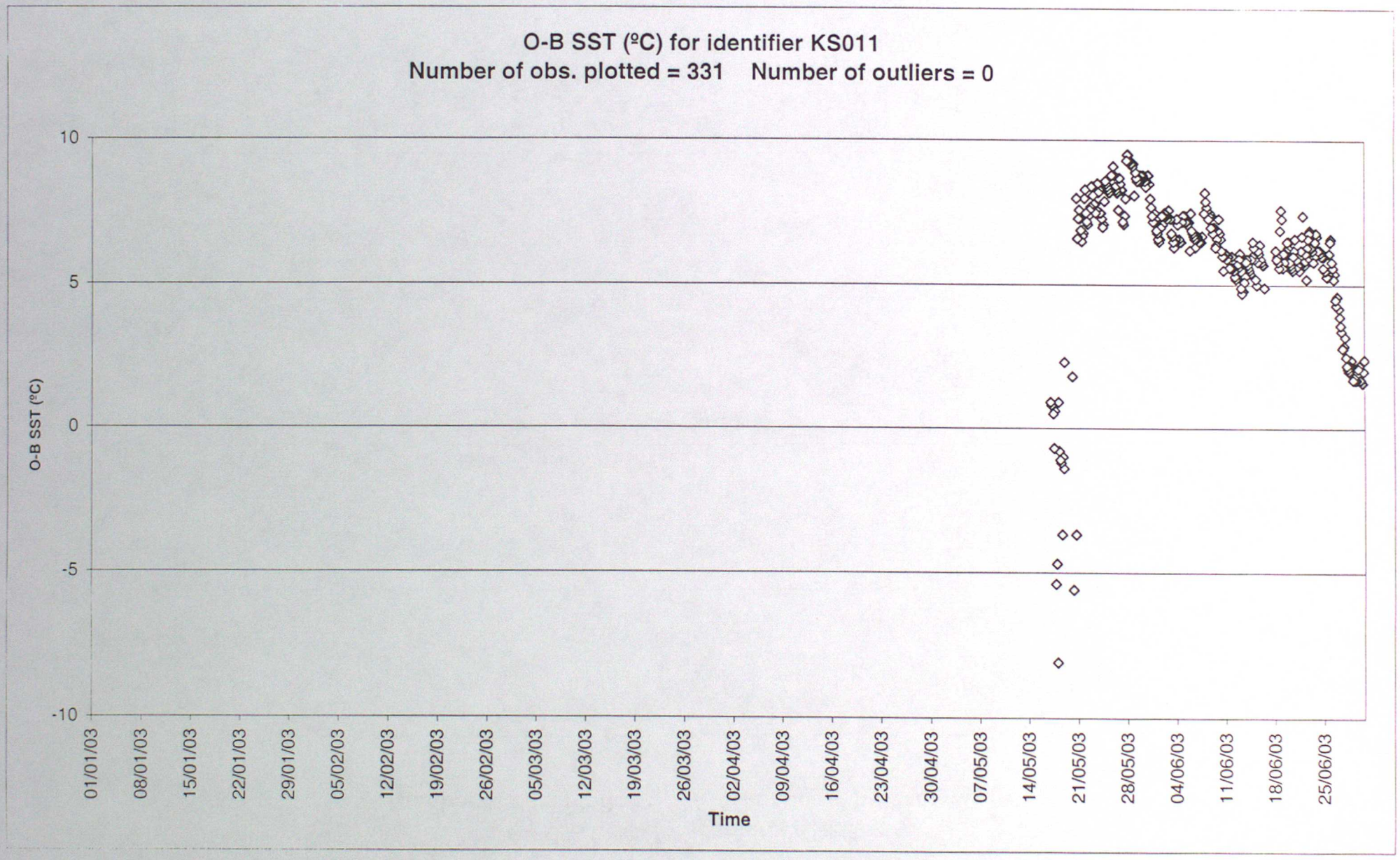

O-B SST (ºC) for identifier FNWZ
Number of obs. plotted = 278 Number of outliers = 0
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B SST (ºC) for identifier FNYF
Number of obs. plotted = 193 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

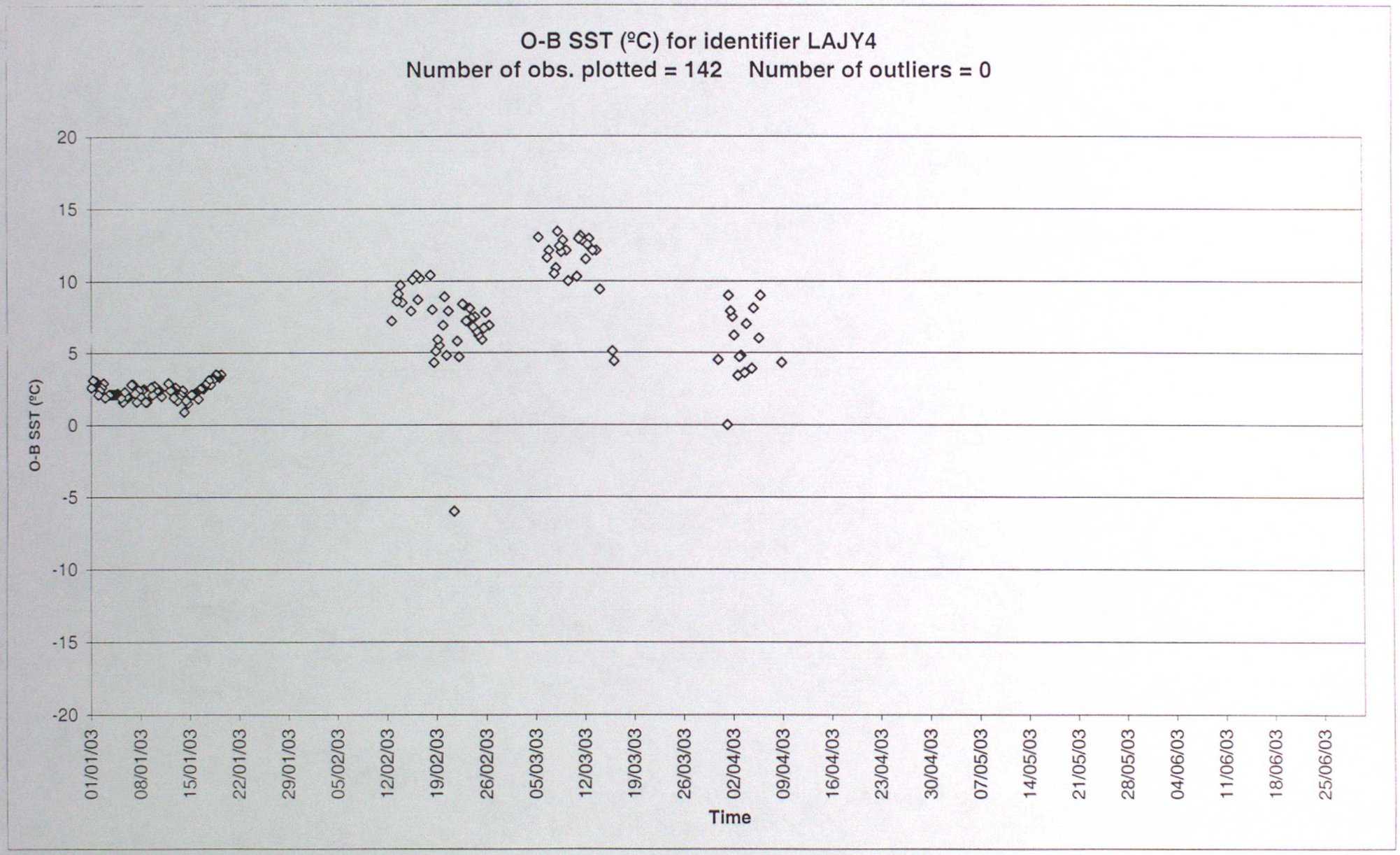

O-B SST (ºC) for identifier GYYP
Number of obs. plotted = 70 Number of outliers = 17
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

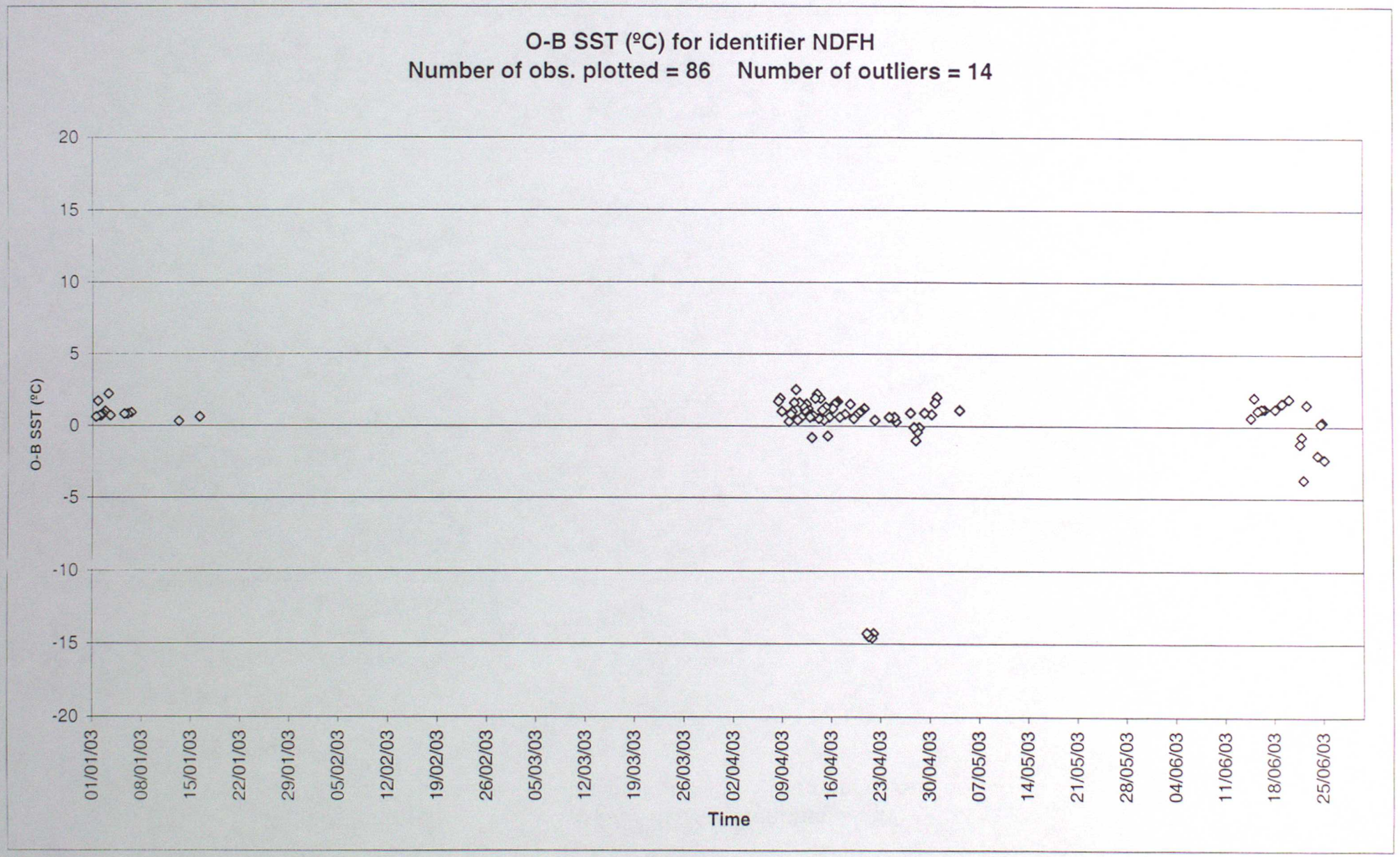
O-B SST (ºC) for identifier JKHH
Number of obs. plotted = 311 Number of outliers = 1
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier KRPB
Number of obs. plotted = 374 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier KS011
Number of obs. plotted = 331 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier KS014
Number of obs. plotted = 91 Number of outliers = 4
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier LAJY4
Number of obs. plotted = 142 Number of outliers = 0
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B SST (ºC) for identifier NDFH
Number of obs. plotted = 86 Number of outliers = 14
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier OUEV
Number of obs. plotted = 390 Number of outliers = 1
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier OZIA
Number of obs. plotted = 80 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier PCIG
Number of obs. plotted = 92 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier PHPO
Number of obs. plotted = 190 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier P3KT8
Number of obs. plotted = 80 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier P3ZY6
Number of obs. plotted = 57 Number of outliers = 4
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier SGAK
Number of obs. plotted = 63 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier SIWB
Number of obs. plotted = 169 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

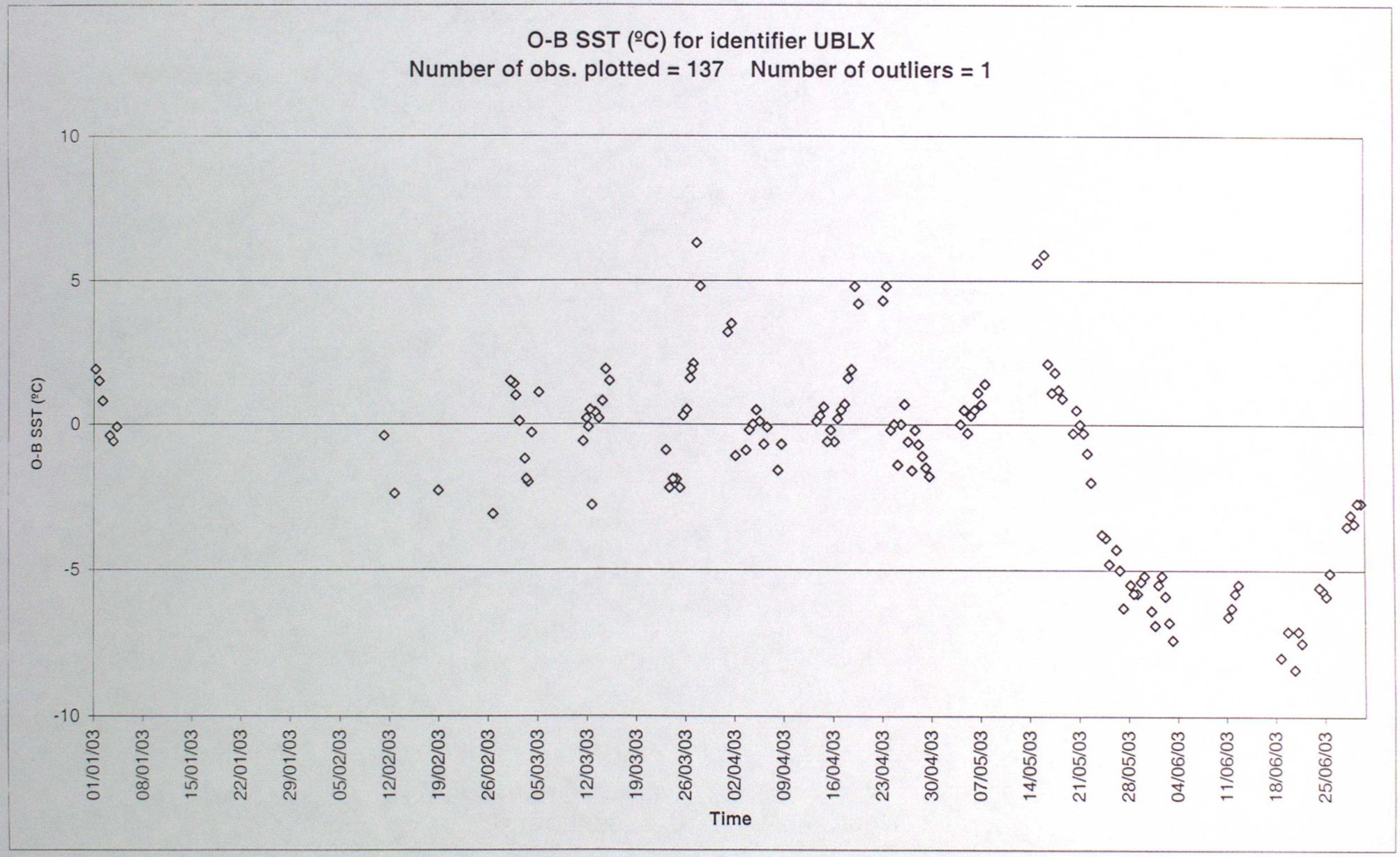
O-B SST (ºC) for identifier SLCH
Number of obs. plotted = 107 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier S6TS
Number of obs. plotted = 100 Number of outliers = 2
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier TSMS
Number of obs. plotted = 517 Number of outliers = 1
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier UAST
Number of obs. plotted = 83 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier UBDO
Number of obs. plotted = 49 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier UBLX
Number of obs. plotted = 137 Number of outliers = 1
O-B SST (ºC)
10
5
0
-5
-10
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier UCBM
Number of obs. plotted = 305 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier UCMQ
Number of obs. plotted = 73 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier UCUP
Number of obs. plotted = 152 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier UHJU
Number of obs. plotted = 70 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier UIAC
Number of obs. plotted = 195 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier UIAI
Number of obs. plotted = 76 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier UINM
Number of obs. plotted = 152 Number of outliers = 2
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier VJRB
Number of obs. plotted = 96 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier VOCJ
Number of obs. plotted = 1108 Number of outliers = 78
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier VRVQ9
Number of obs. plotted = 59 Number of outliers = 0
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
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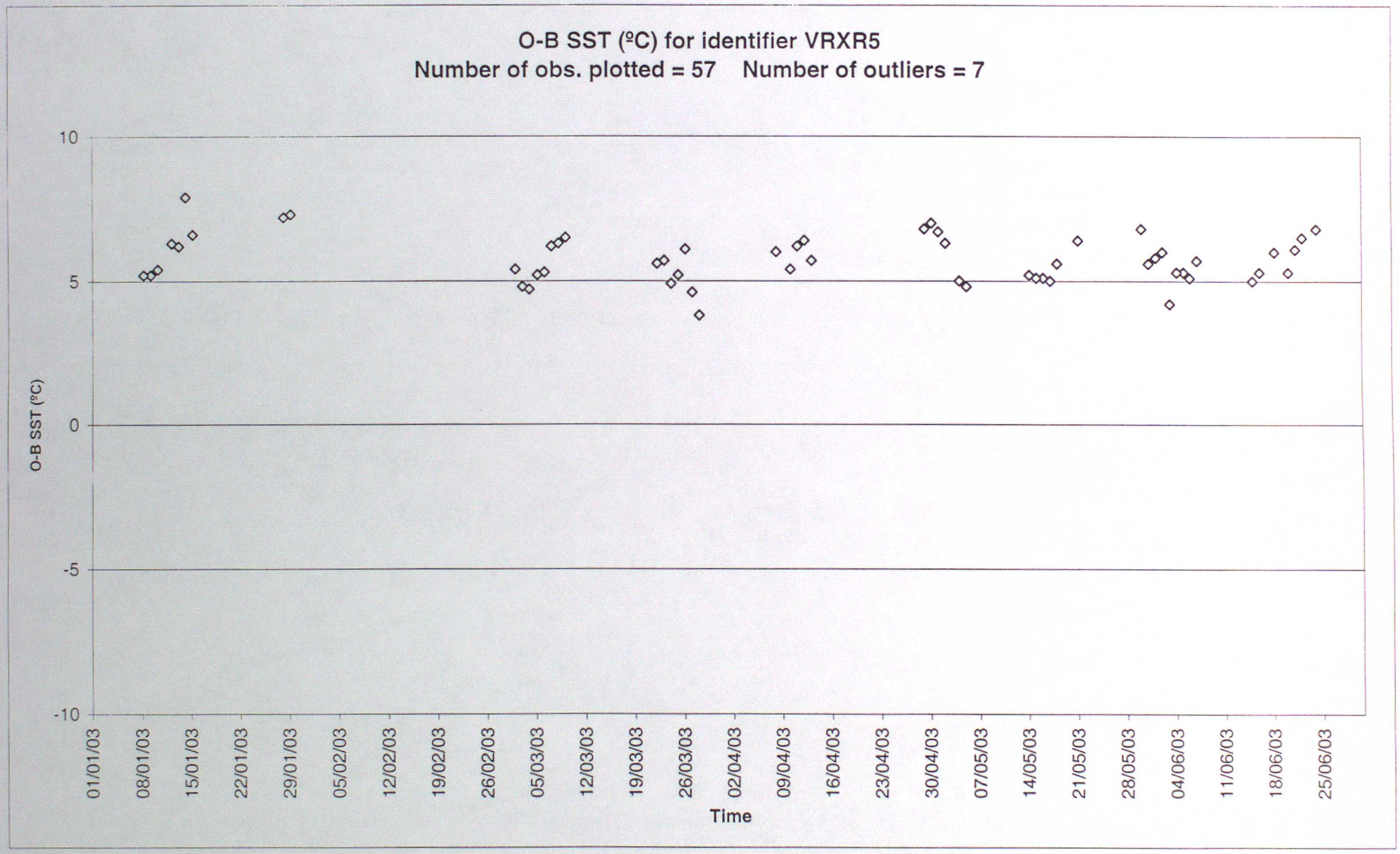
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier VRXR5
Number of obs. plotted = 57 Number of outliers = 7
O-B SST (°C)
10
5
0
-5
-10
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier V2AT1
Number of obs. plotted = 56 Number of outliers = 1
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier V2IA1
Number of obs. plotted = 152 Number of outliers = 5
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier V2MA3
Number of obs. plotted = 293 Number of outliers = 1
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier V2PK
Number of obs. plotted = 85 Number of outliers = 1
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier V7DN3
Number of obs. plotted = 257 Number of outliers = 1
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

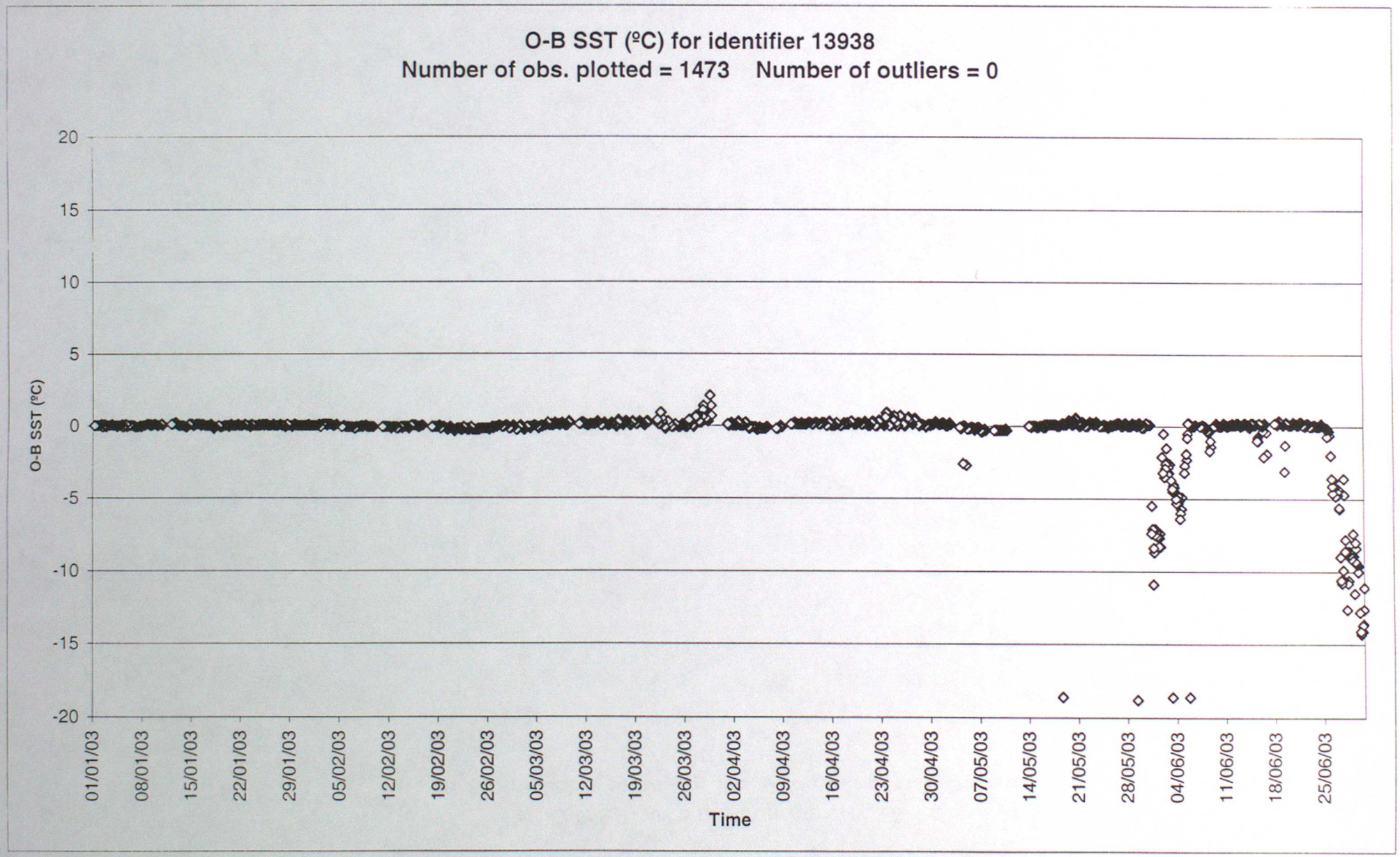
O-B SST (ºC) for identifier V7DP7
Number of obs. plotted = 181 Number of outliers = 1
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

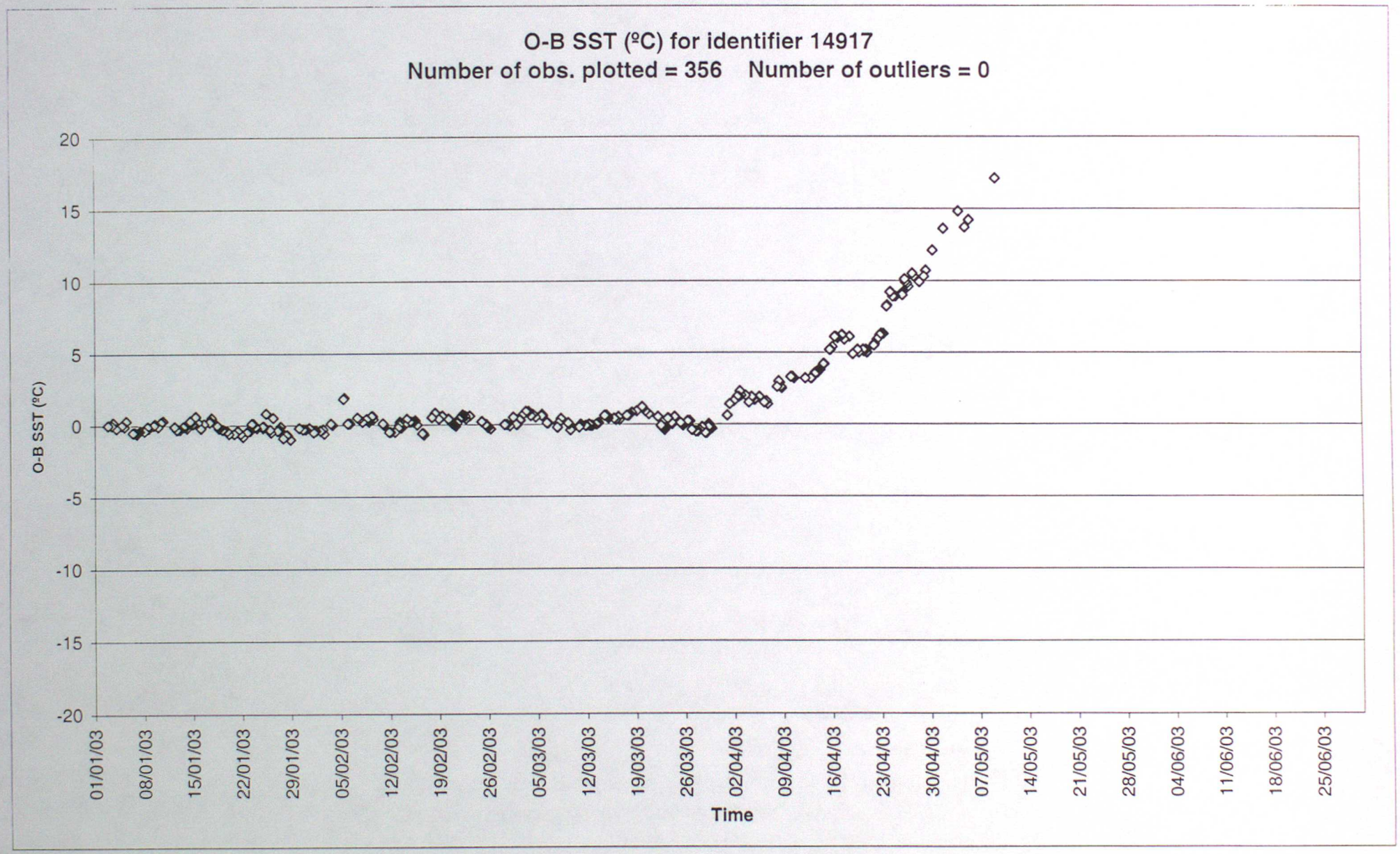
O-B SST (ºC) for identifier V7DU4
Number of obs. plotted = 71 Number of outliers = 3
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier WCZ5528
Number of obs. plotted = 192 Number of outliers = 3
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

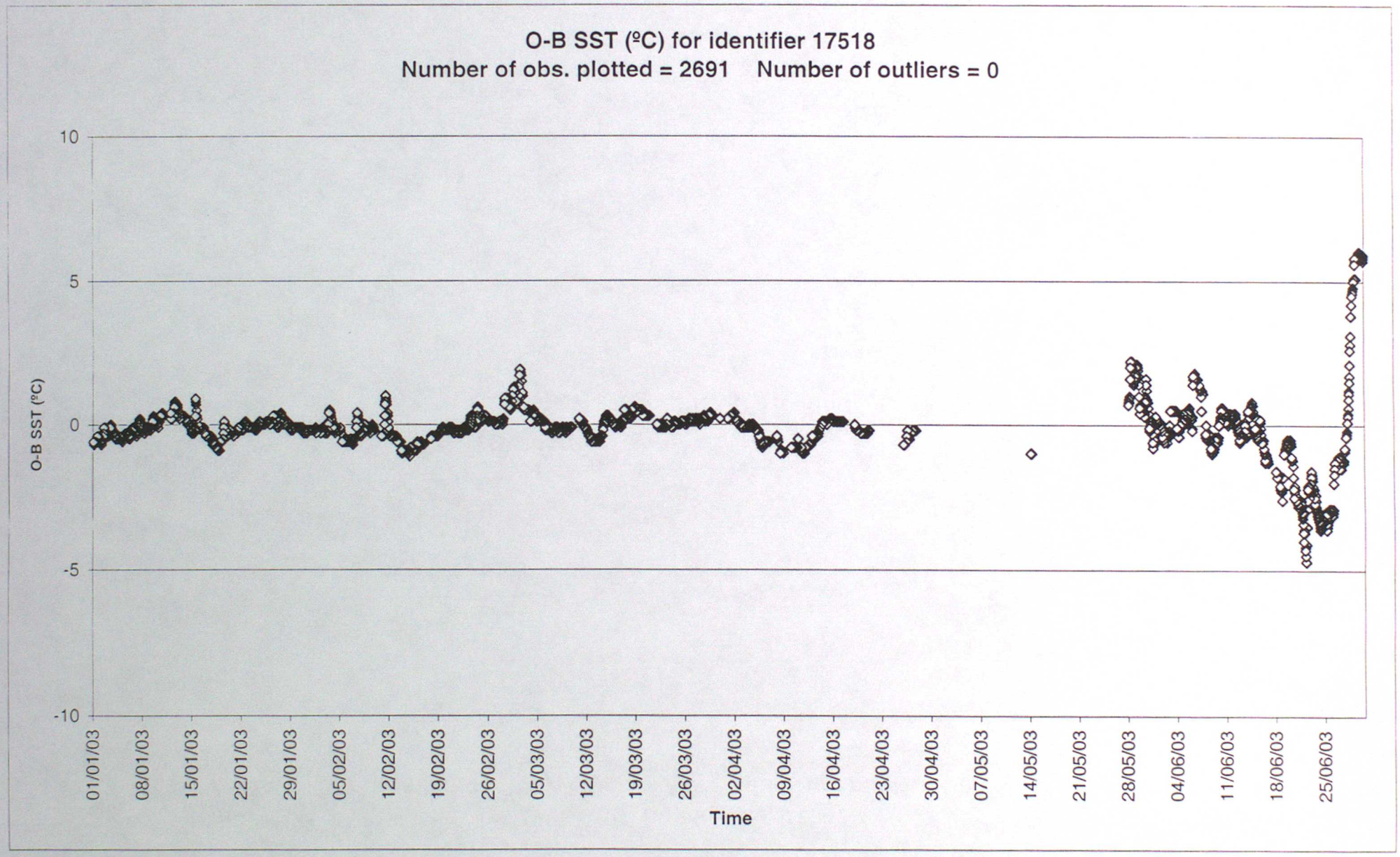
O-B SST (ºC) for identifier WPVD
Number of obs. plotted = 630 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

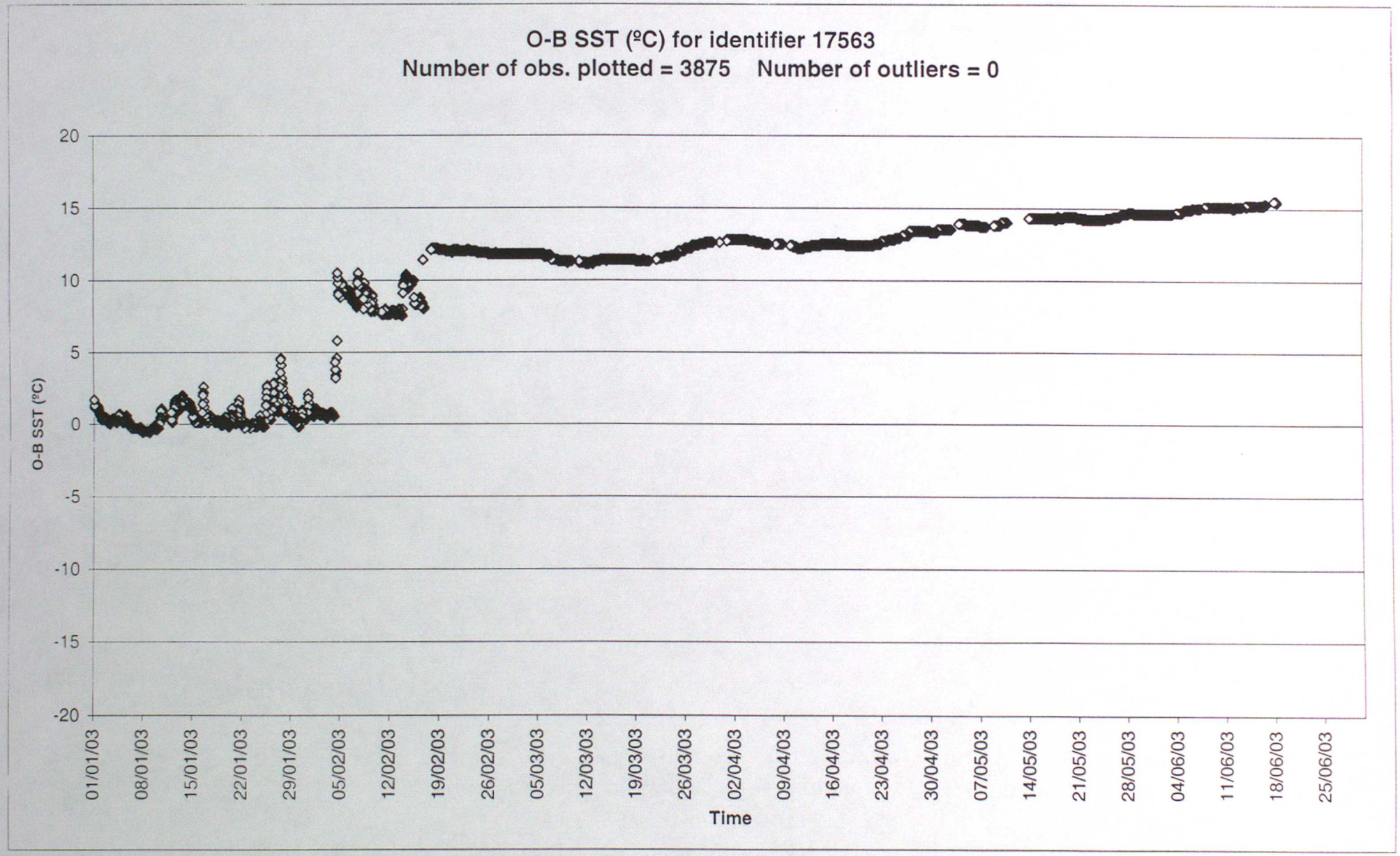
O-B SST (ºC) for identifier YJQL3
Number of obs. plotted = 261 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

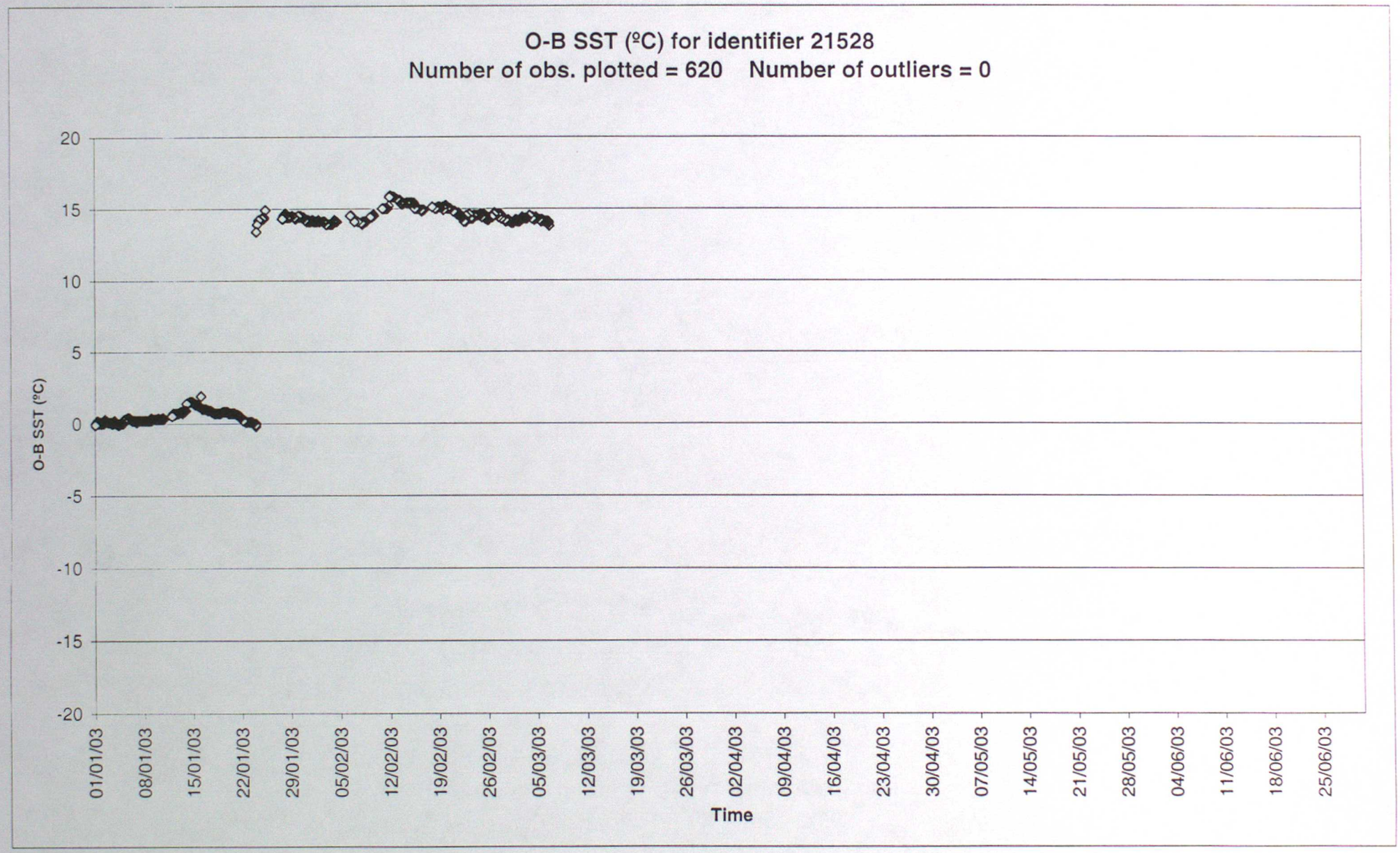

O-B SST (ºC) for identifier 13938
Number of obs. plotted = 1473 Number of outliers = 0
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

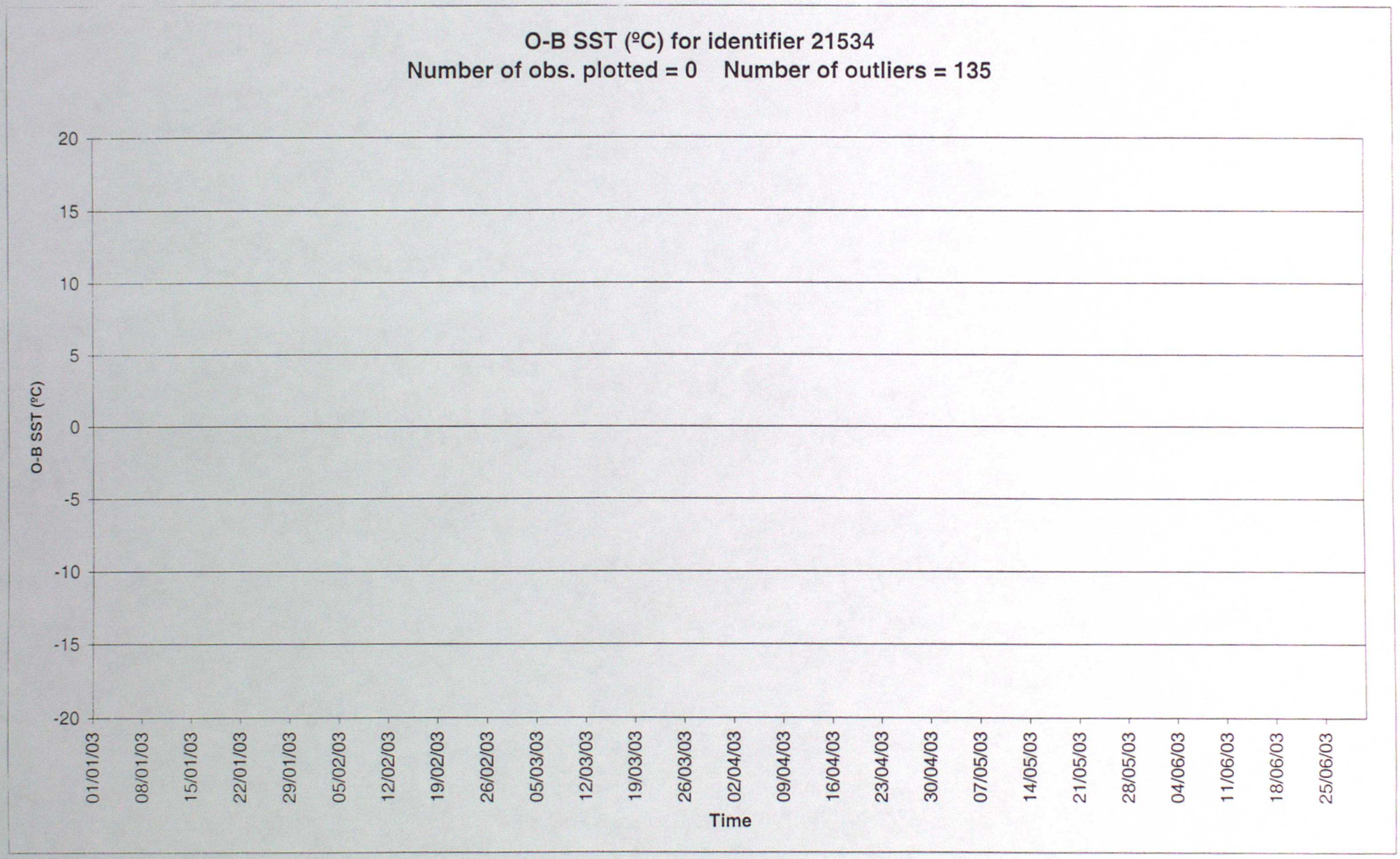

O-B SST (ºC) for identifier 14917
Number of obs. plotted = 356 Number of outliers = 0
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier 16947
Number of obs. plotted = 3797 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

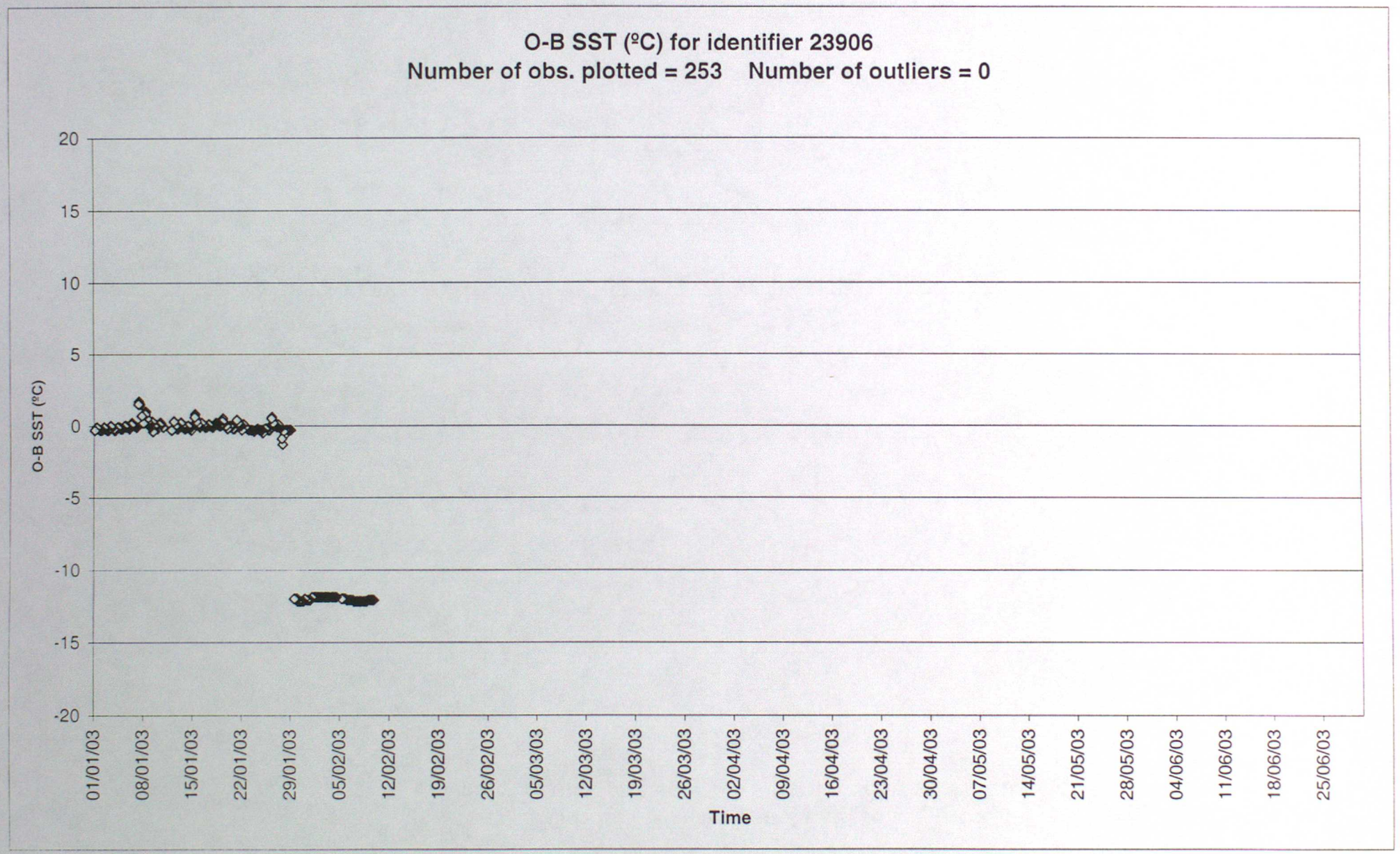

O-B SST (ºC) for identifier 17518
Number of obs. plotted = 2691 Number of outliers = 0
10
5
0
-5
-10
O-B SST (ºC)
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

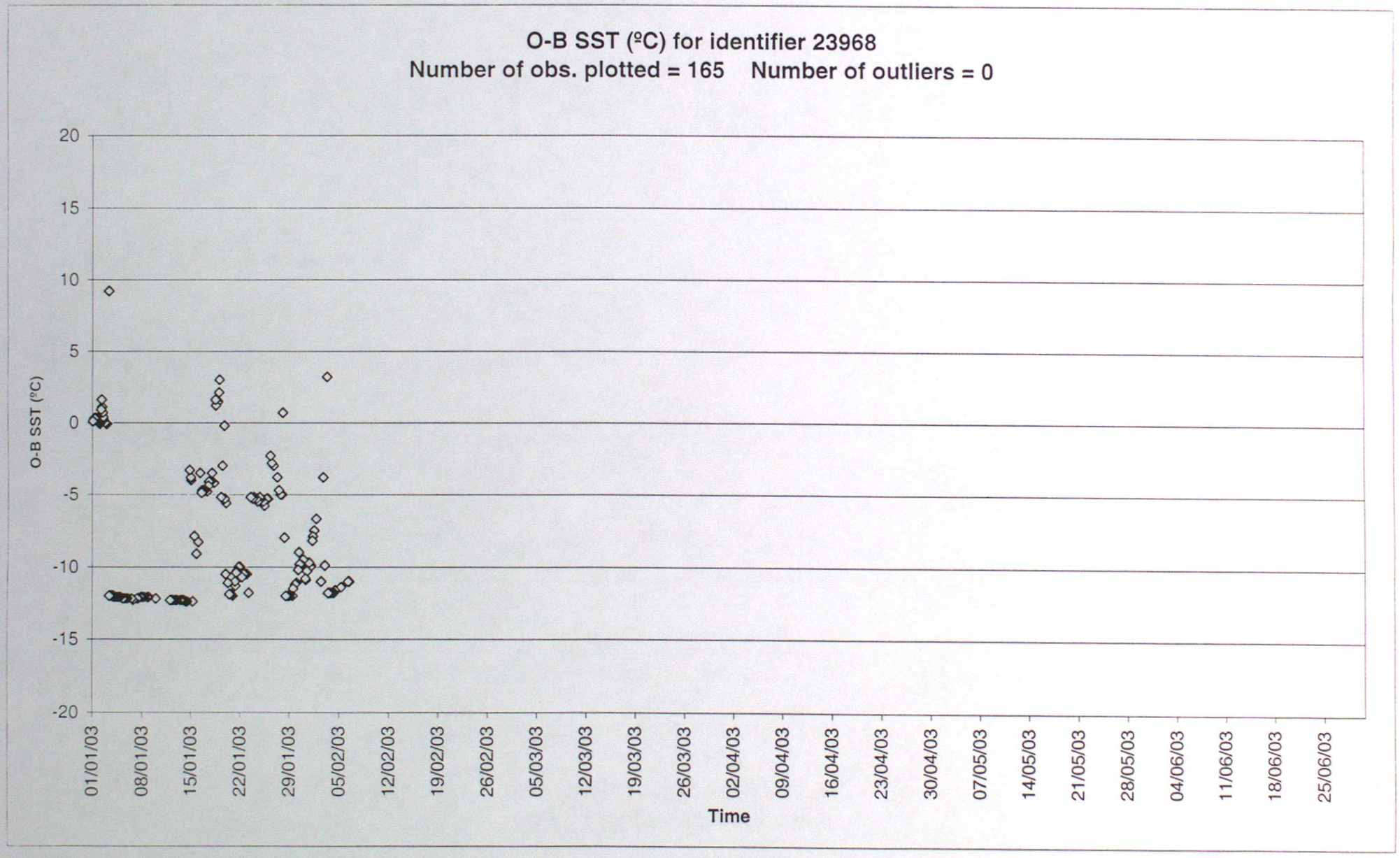

O-B SST (ºC) for identifier 17563
Number of obs. plotted = 3875 Number of outliers = 0
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B SST (ºC) for identifier 21528
Number of obs. plotted = 620 Number of outliers = 0
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

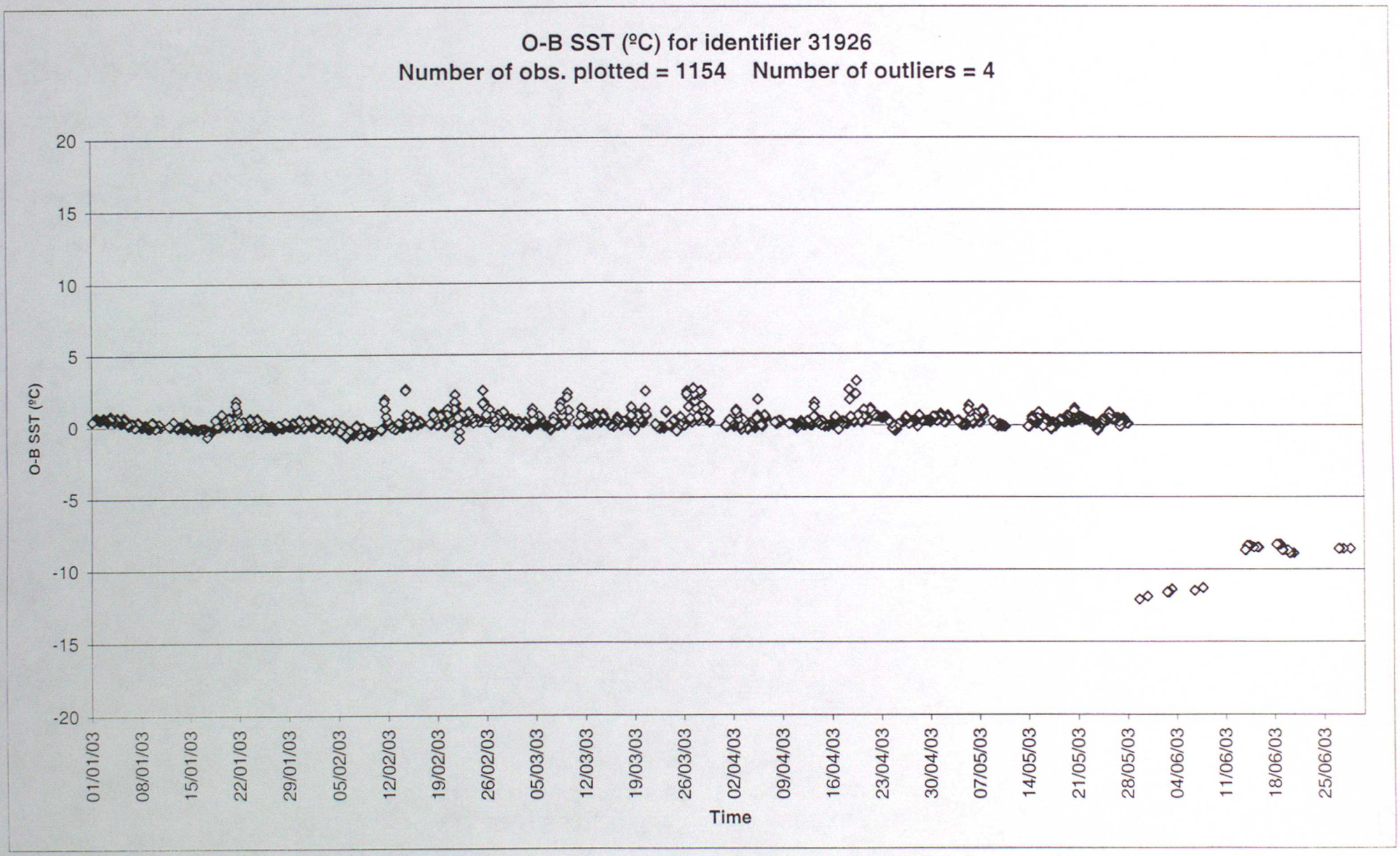

O-B SST (ºC) for identifier 21534
Number of obs. plotted = 0 Number of outliers = 135
20
15
10
5
0
-5
-10
-15
-20
O-B SST (ºC)
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier 21902
Number of obs. plotted = 247 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

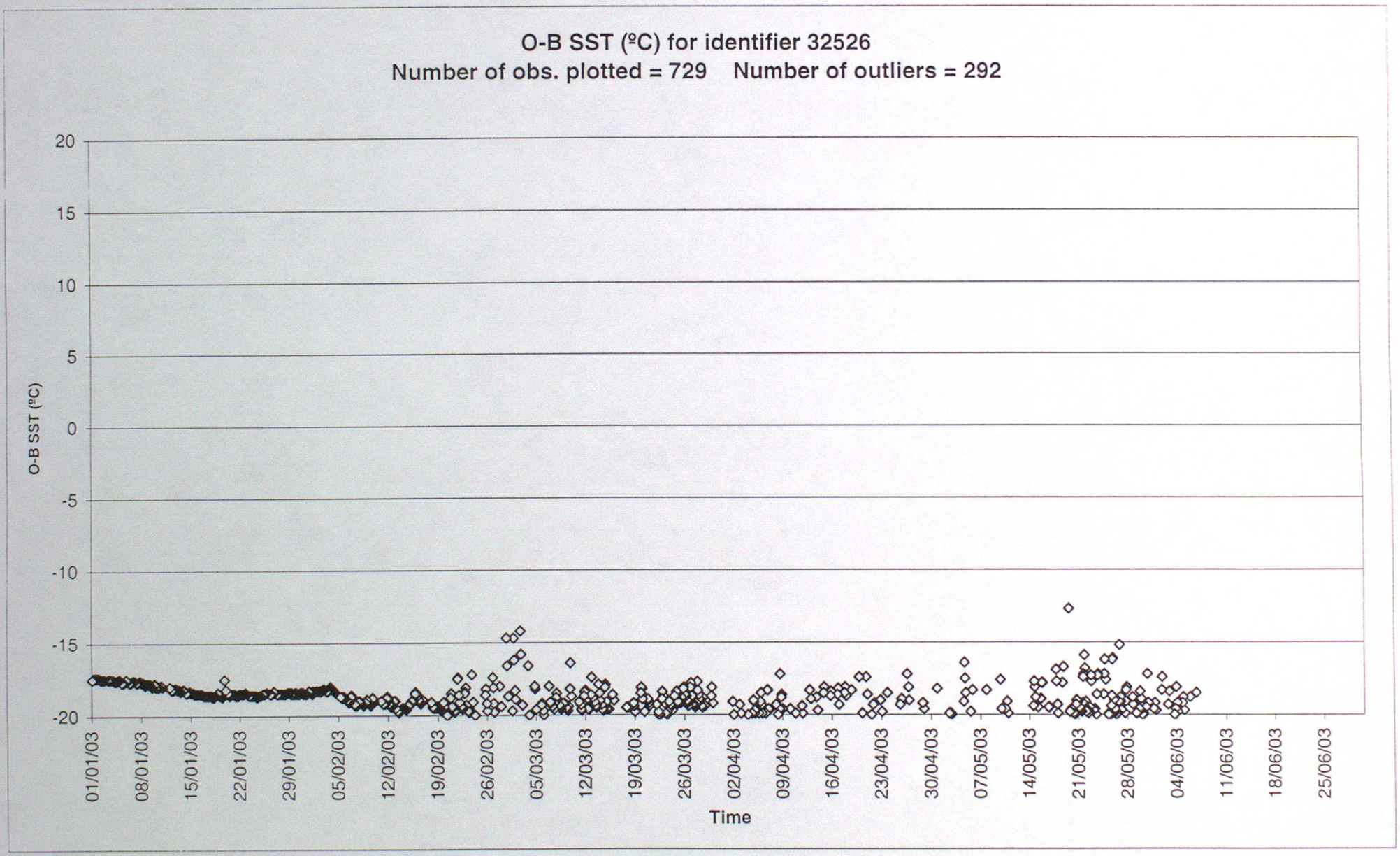

O-B SST (ºC) for identifier 23906
Number of obs. plotted = 253 Number of outliers = 0
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

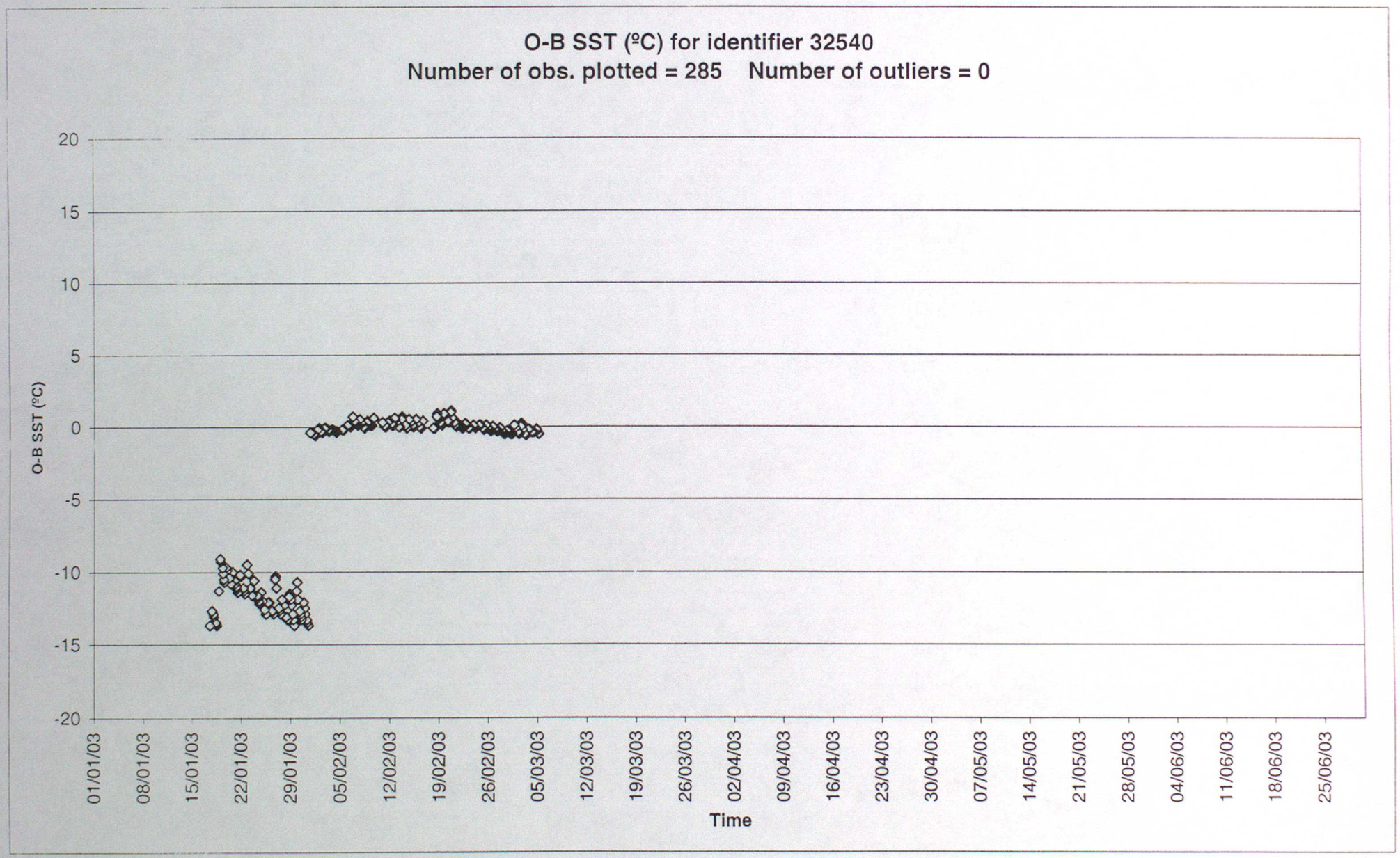

O-B SST (ºC) for identifier 23968
Number of obs. plotted = 165 Number of outliers = 0
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

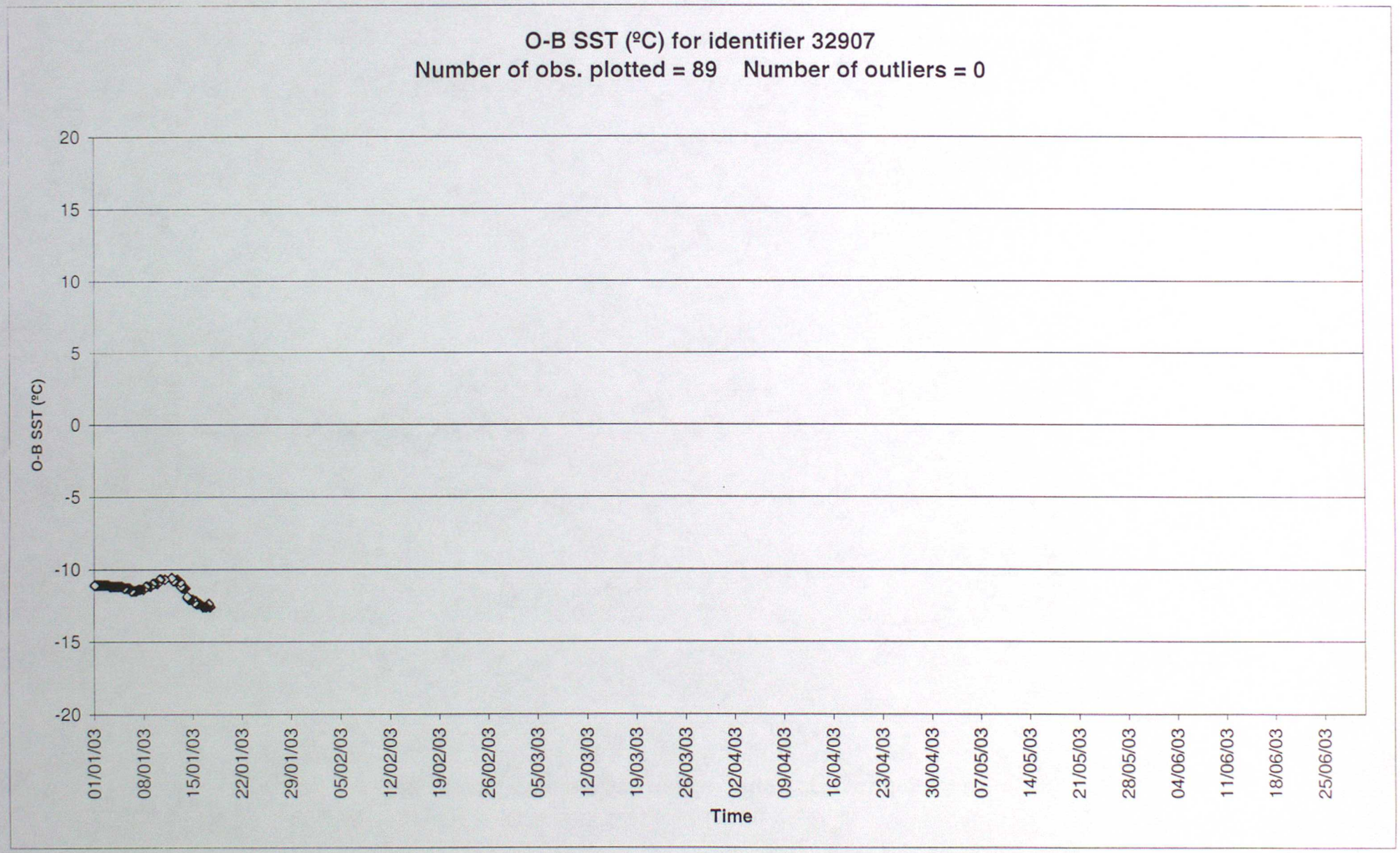
O-B SST (ºC) for identifier 3EBX6
Number of obs. plotted = 87 Number of outliers = 1
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier 31926
Number of obs. plotted = 1154 Number of outliers = 4
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier 31975
Number of obs. plotted = 53 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier 32526
Number of obs. plotted = 729 Number of outliers = 292
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B SST (ºC) for identifier 32540
Number of obs. plotted = 285 Number of outliers = 0
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B SST (ºC) for identifier 32907
Number of obs. plotted = 89 Number of outliers = 0
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier 32922
Number of obs. plotted = 131 Number of outliers = 4
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
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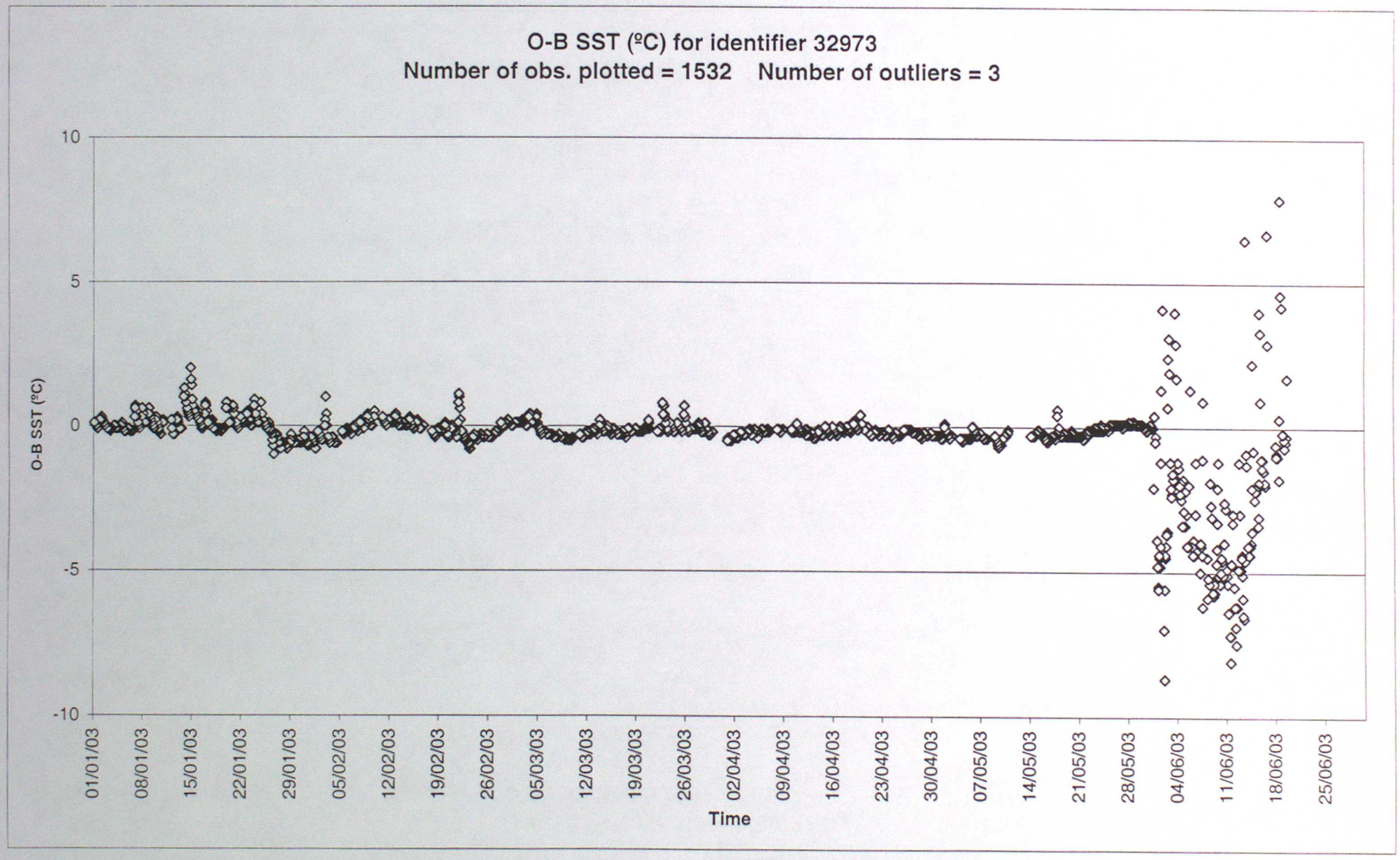
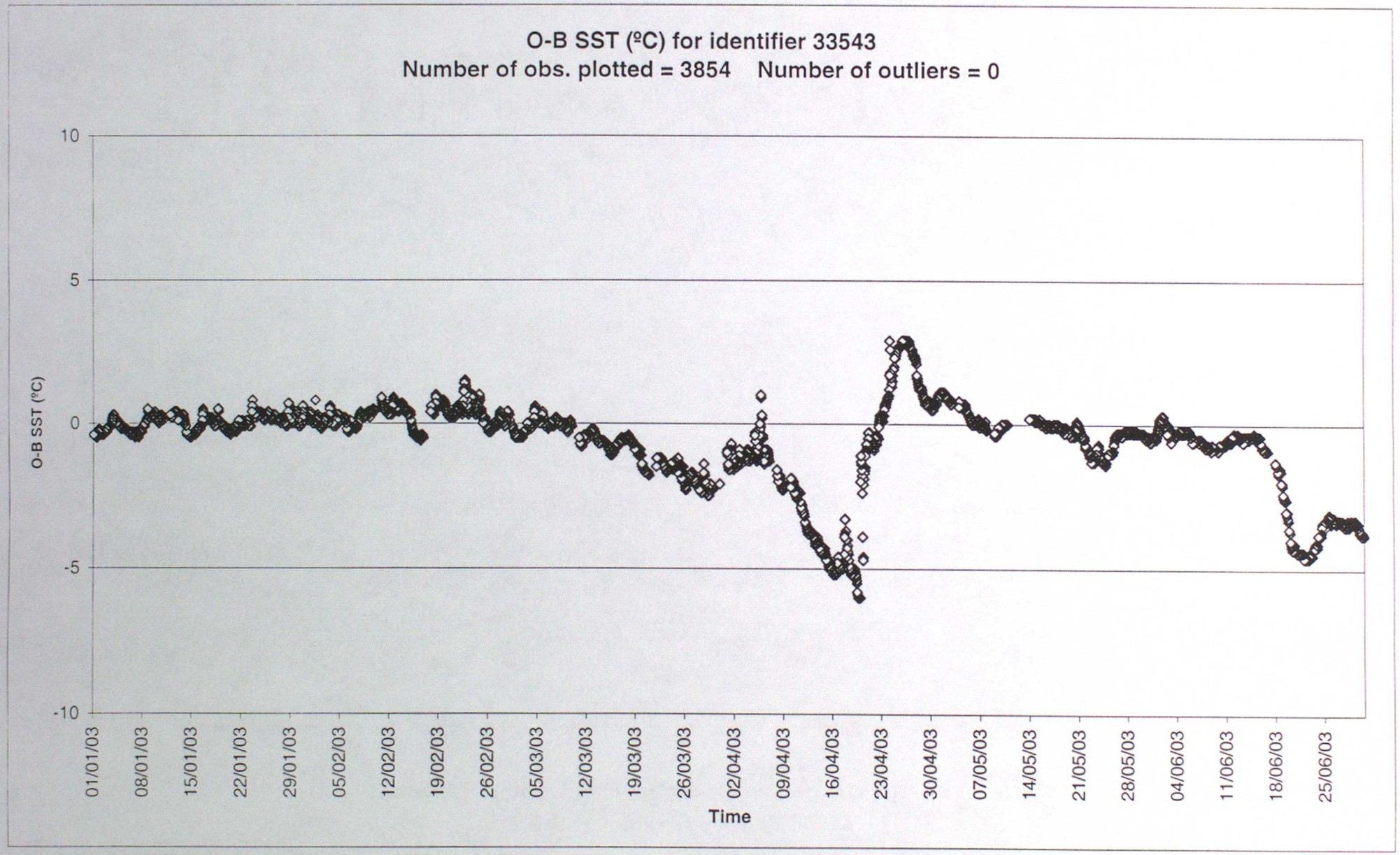
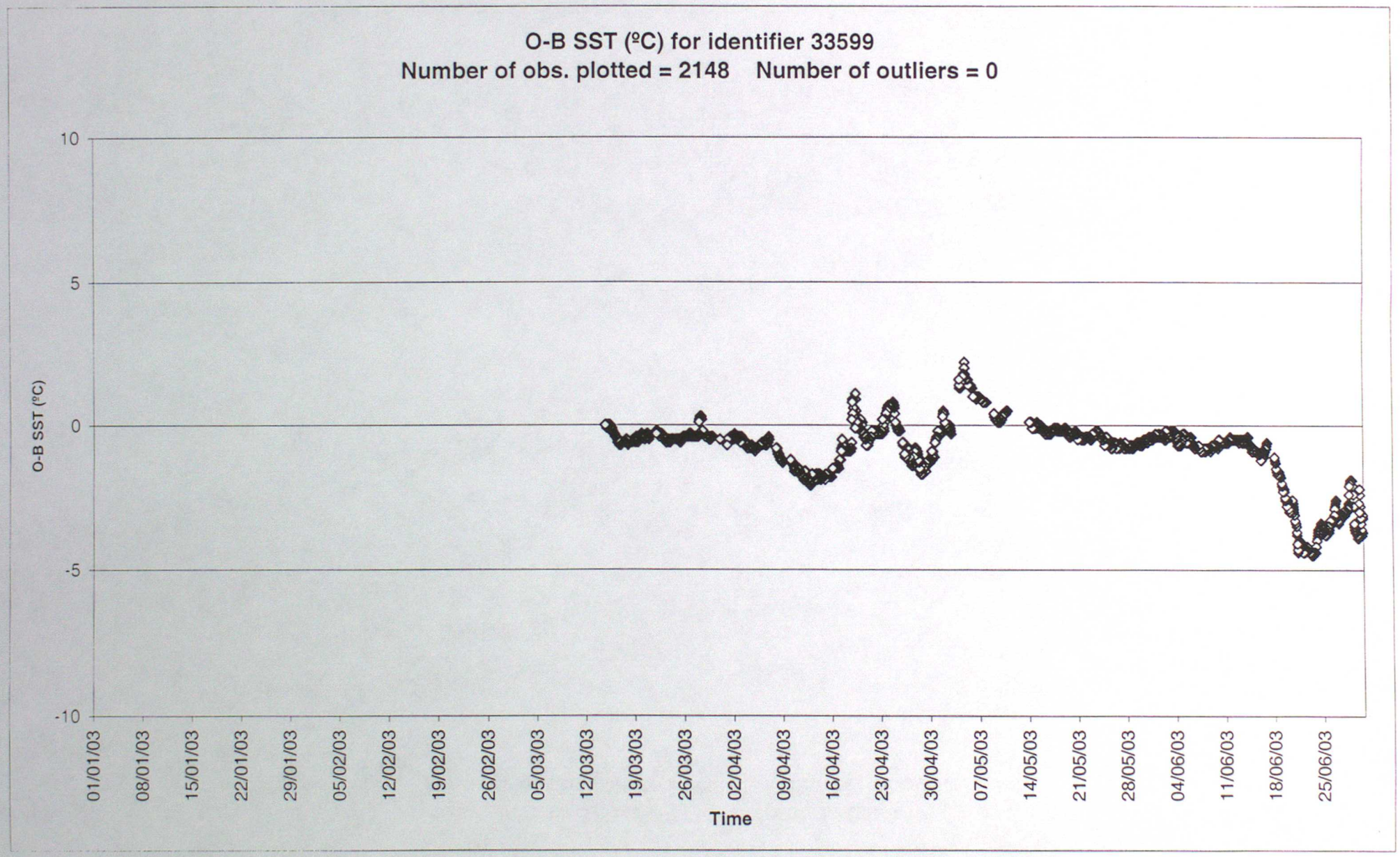
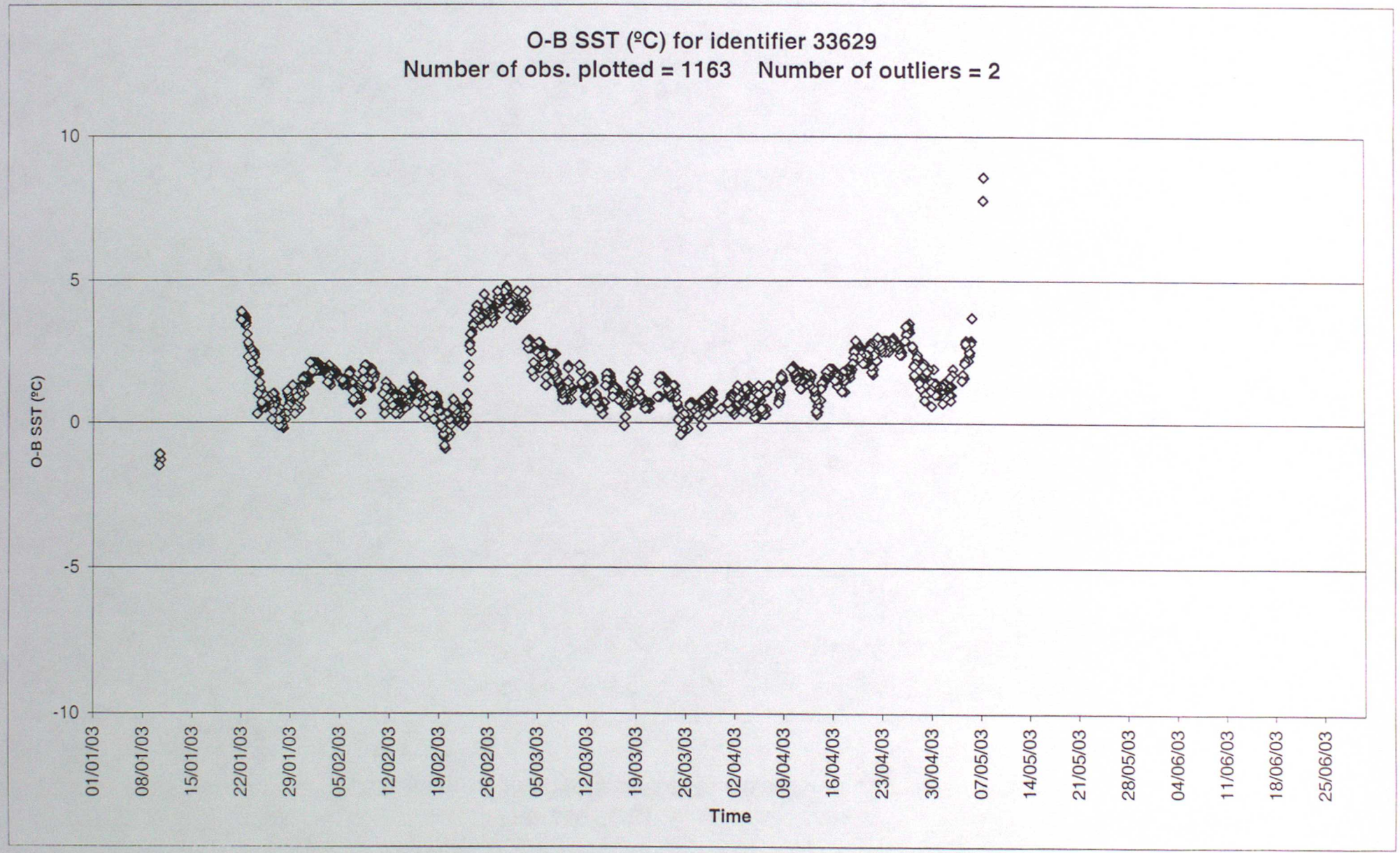
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier 32973
Number of obs. plotted = 1532 Number of outliers = 3
10
5
0
-5
-10
O-B SST (ºC)
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier 33502
Number of obs. plotted = 631 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier 33543
Number of obs. plotted = 3854 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B SST (ºC) for identifier 33599
Number of obs. plotted = 2148 Number of outliers = 0
10
5
0
-5
-10
O-B SST (ºC)
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B SST (ºC) for identifier 33629
Number of obs. plotted = 1163 Number of outliers = 2
O-B SST (ºC)
10
5
0
-5
-10
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

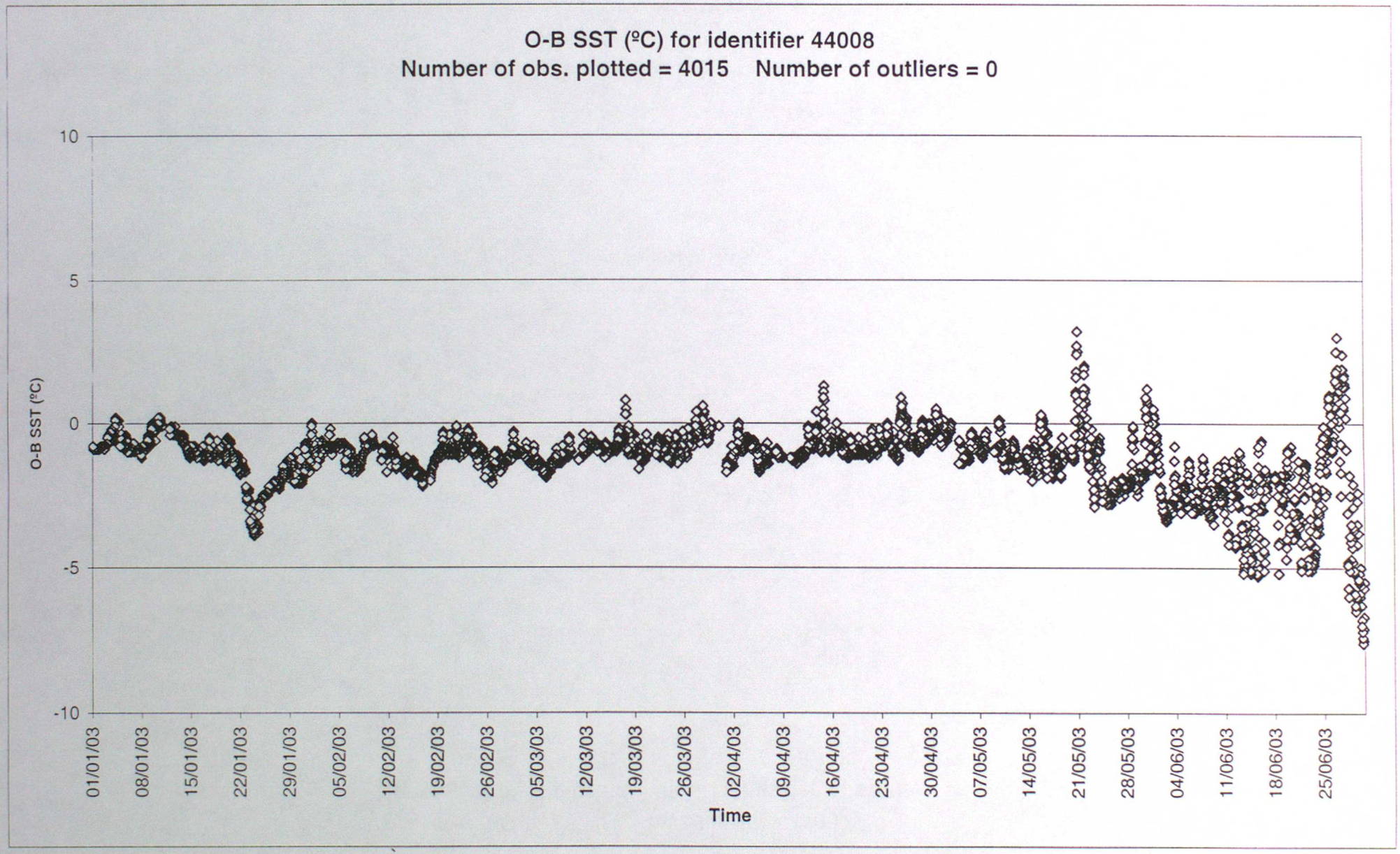
O-B SST (ºC) for identifier 41574
Number of obs. plotted = 57 Number of outliers = 11
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier 41577
Number of obs. plotted = 499 Number of outliers = 1
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

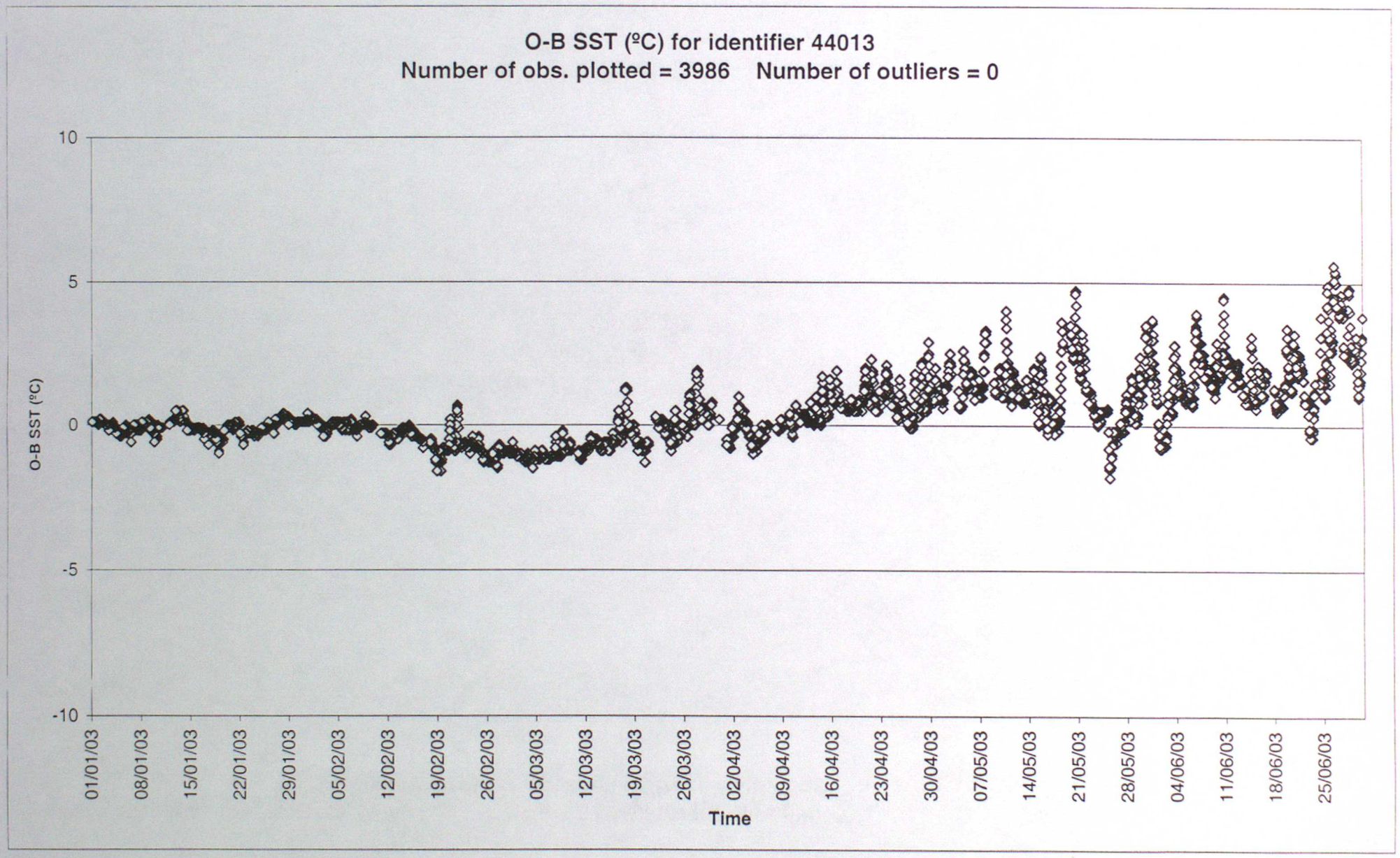
O-B SST (ºC) for identifier 42044
Number of obs. plotted = 233 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier 44004
Number of obs. plotted = 3636 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

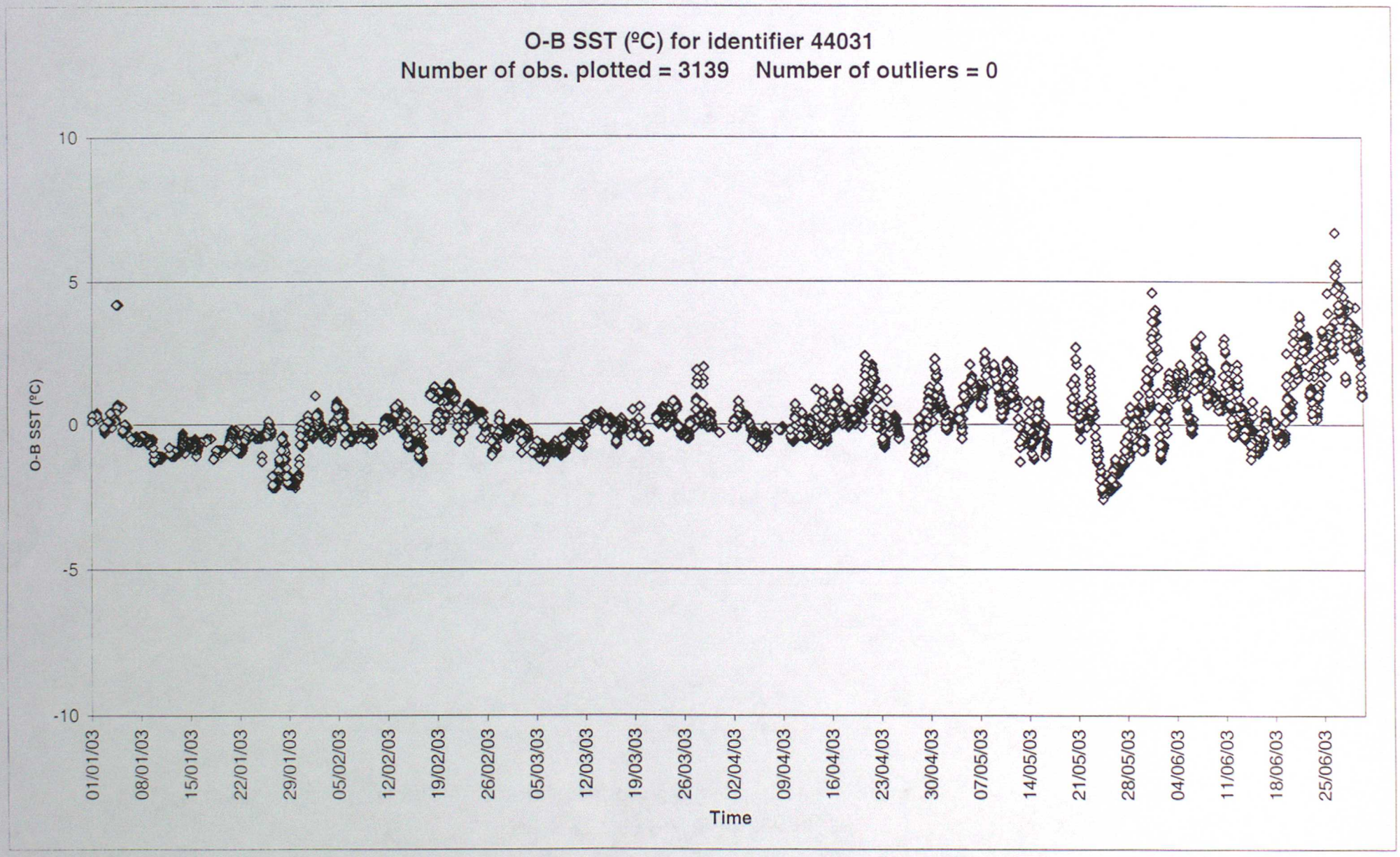
O-B SST (ºC) for identifier 44007
Number of obs. plotted = 3992 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier 44008
Number of obs. plotted = 4015 Number of outliers = 0
10
5
0
-5
-10
O-B SST (ºC)
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier 44011
Number of obs. plotted = 3940 Number of outliers = 11
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier 44013
Number of obs. plotted = 3986 Number of outliers = 0
10
5
0
-5
-10
O-B SST (ºC)
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

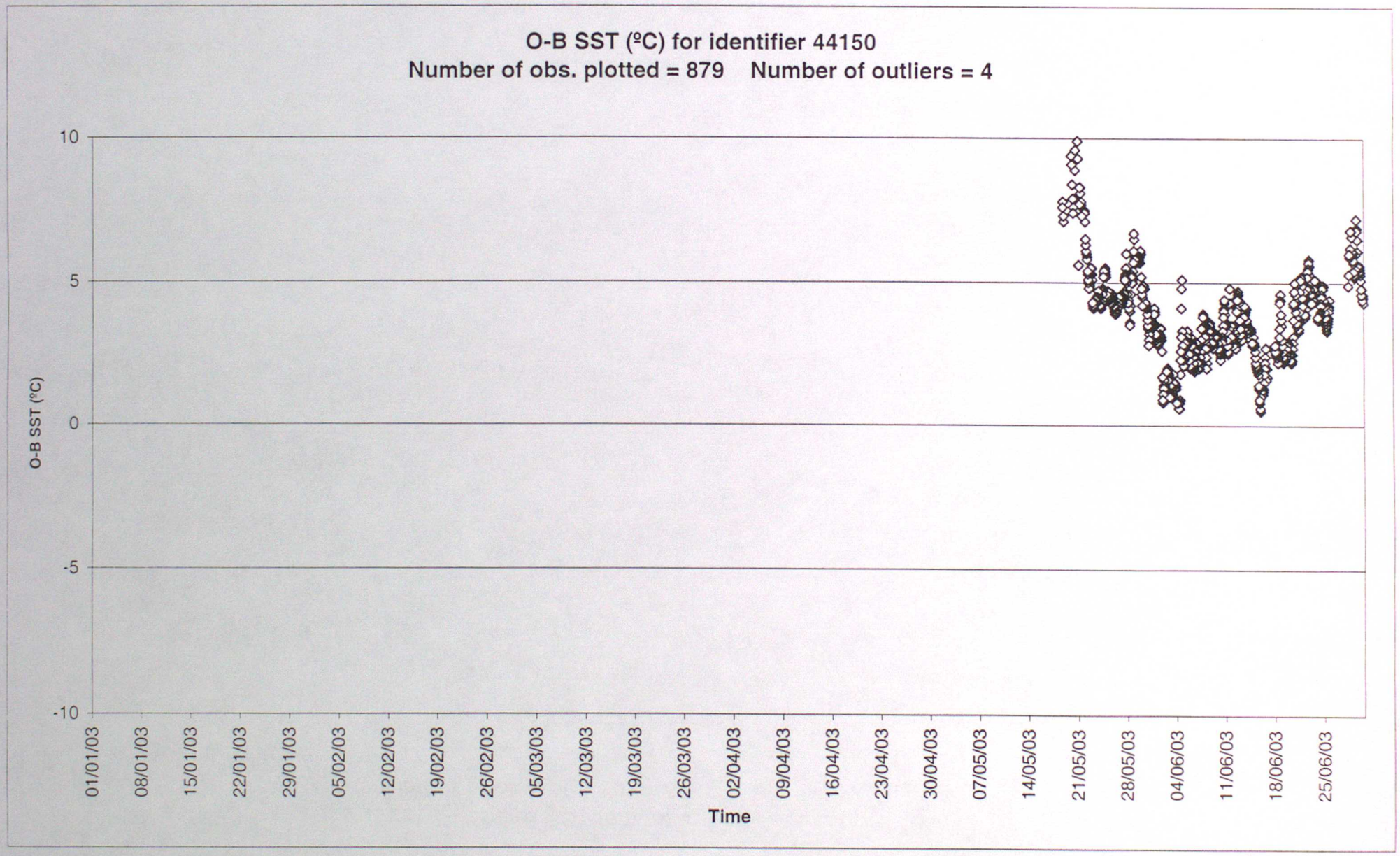
O-B SST (ºC) for identifier 44030
Number of obs. plotted = 3280 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B SST (ºC) for identifier 44031
Number of obs. plotted = 3139 Number of outliers = 0
10
5
0
-5
-10
O-B SST (°C)
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier 44032
Number of obs. plotted = 3252 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier 44137
Number of obs. plotted = 1502 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier 44141
Number of obs. plotted = 1515 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

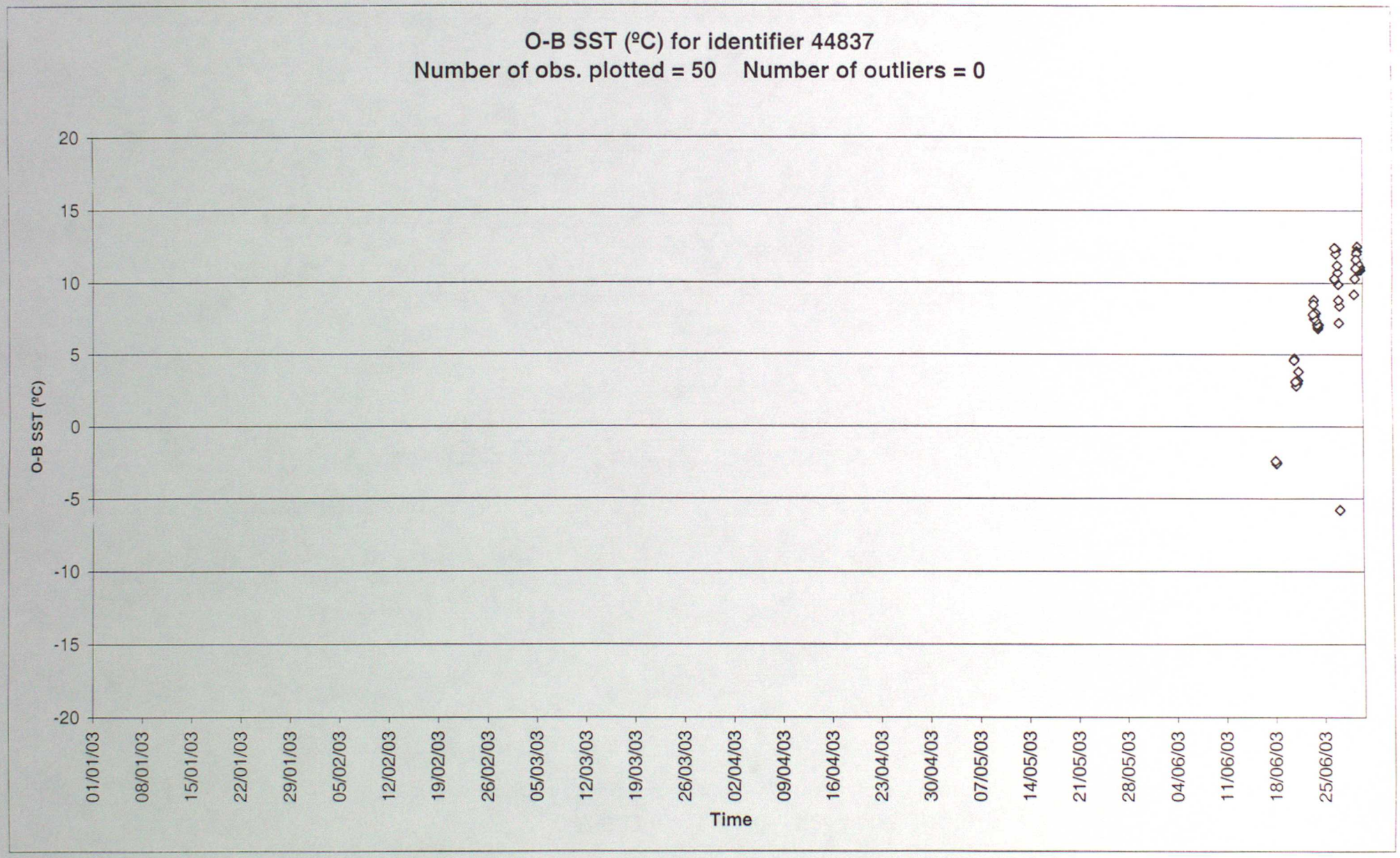

O-B SST (ºC) for identifier 44150
Number of obs. plotted = 879 Number of outliers = 4
O-B SST (ºC)
10
5
0
-5
-10
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

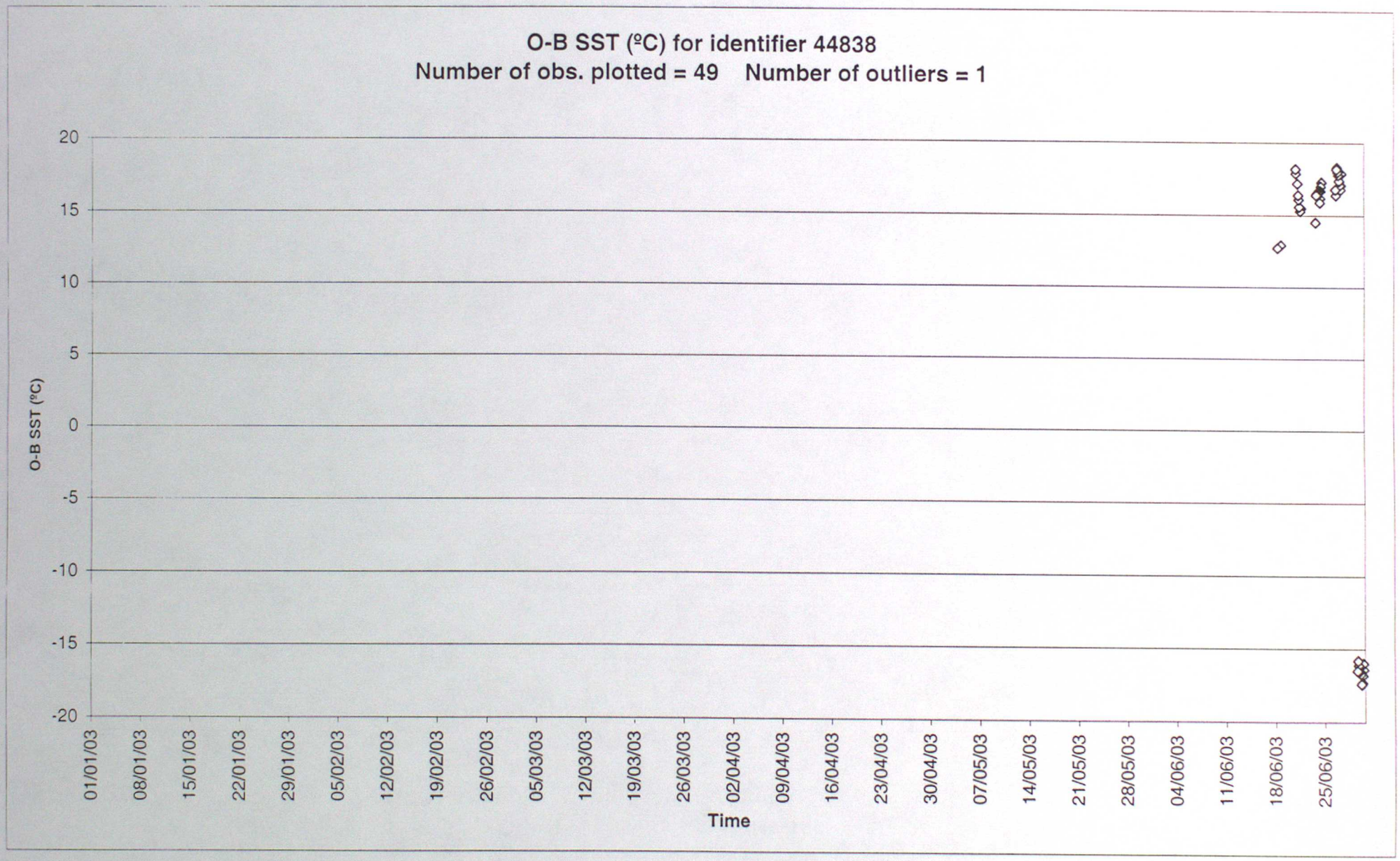
O-B SST (ºC) for identifier 44607
Number of obs. plotted = 223 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier 44609
Number of obs. plotted = 935 Number of outliers = 11
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier 44624
Number of obs. plotted = 155 Number of outliers = 7
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier 44836
Number of obs. plotted = 64 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier 44837
Number of obs. plotted = 50 Number of outliers = 0
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B SST (ºC) for identifier 44838
Number of obs. plotted = 49 Number of outliers = 1
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
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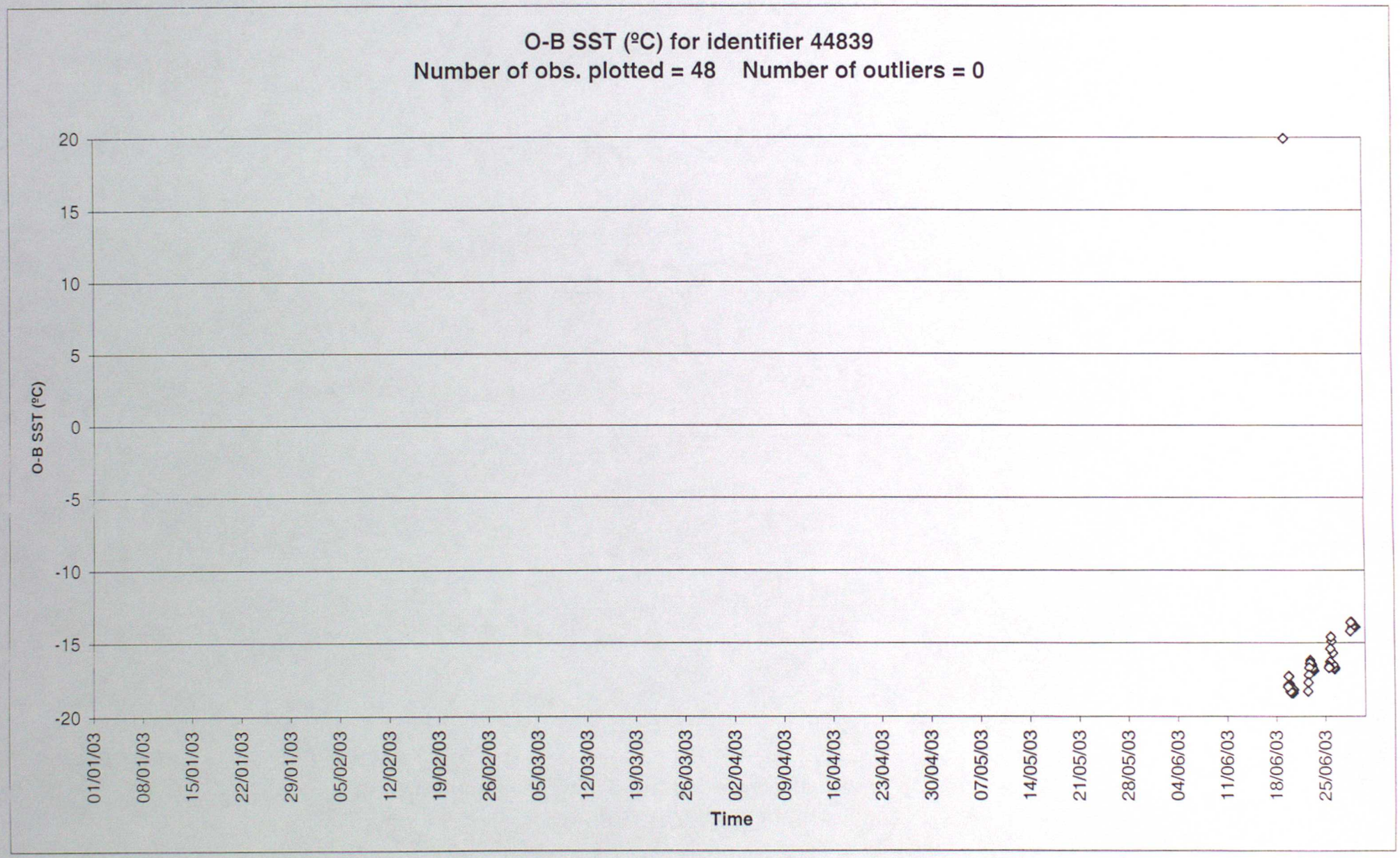
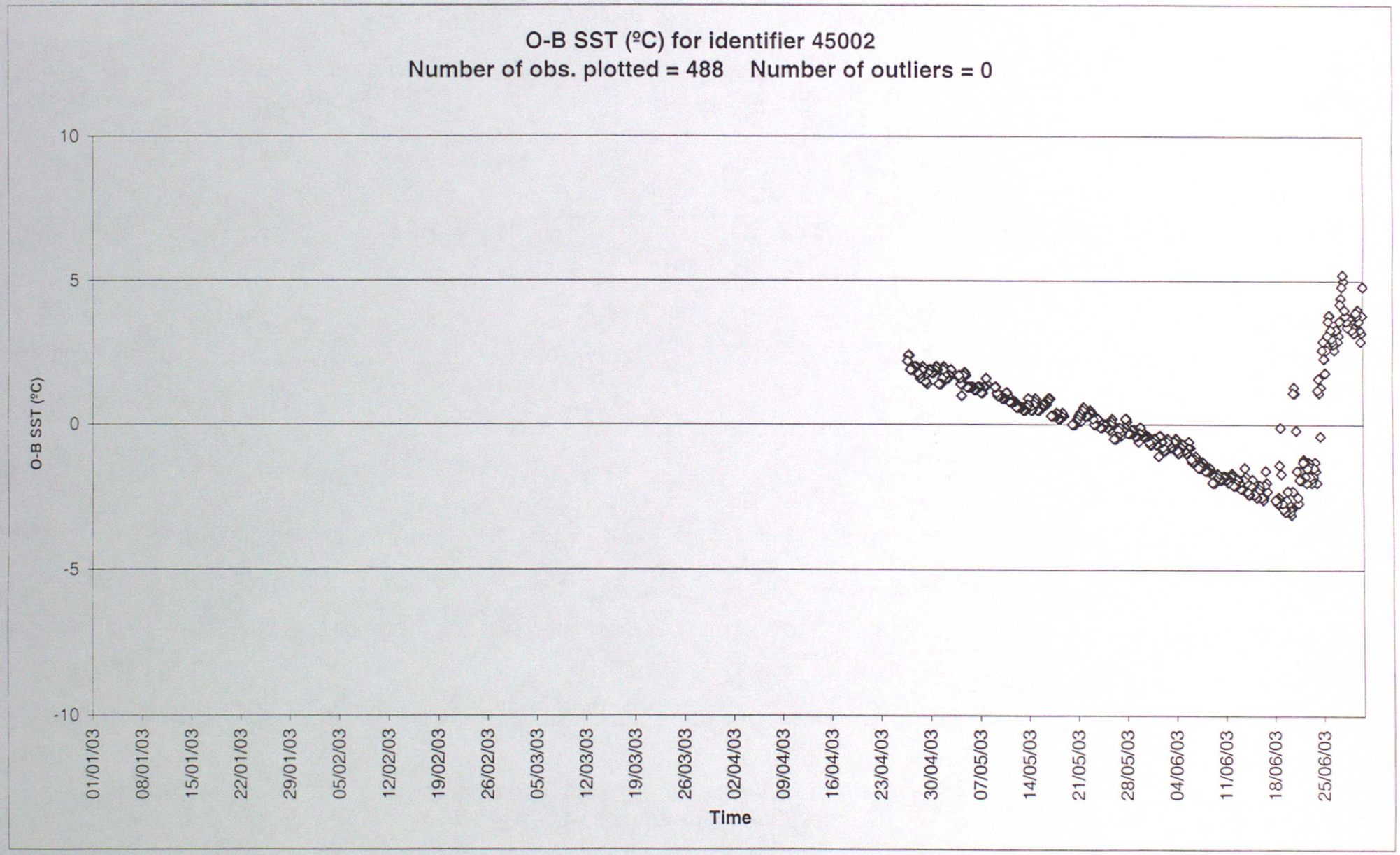
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

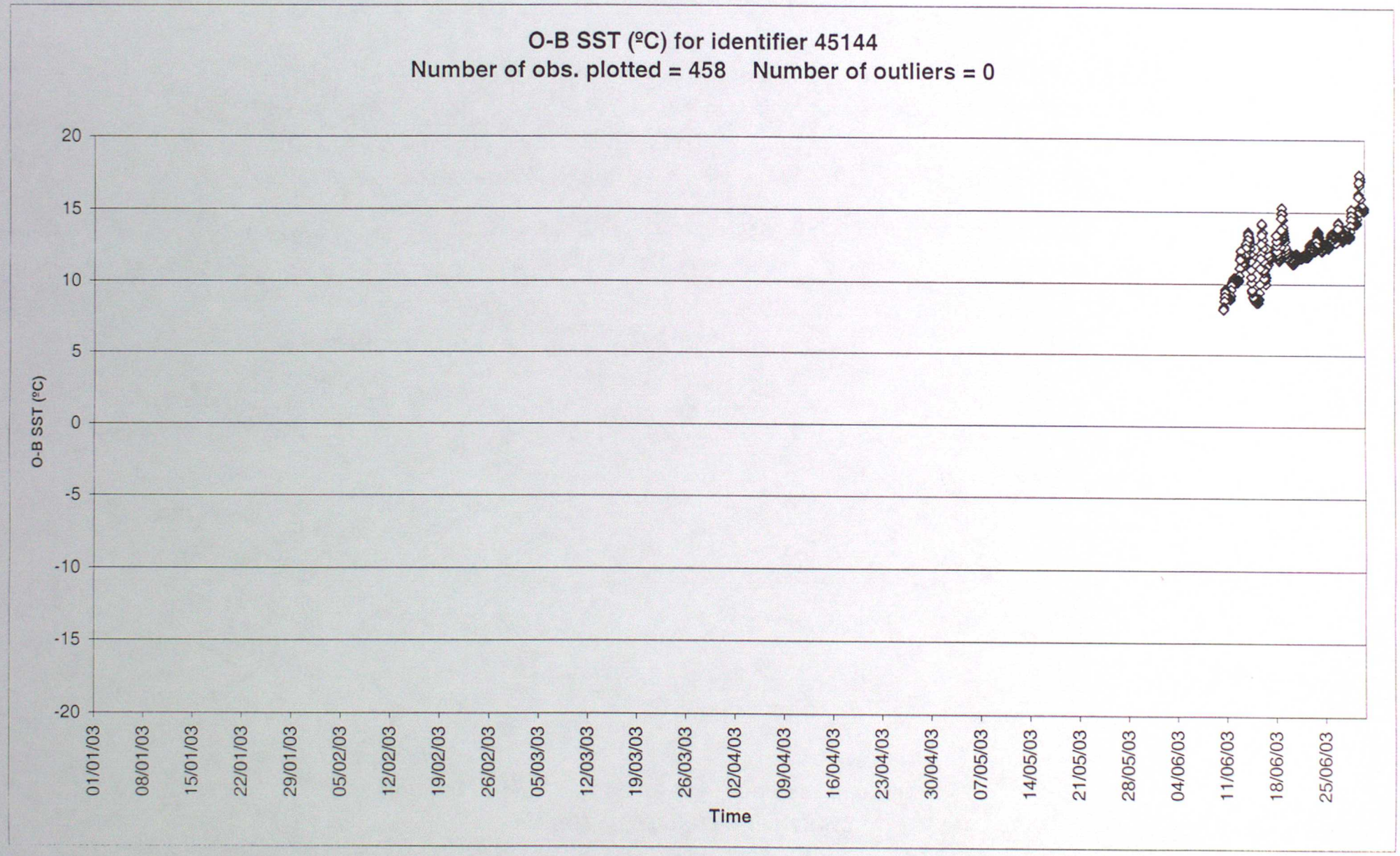

O-B SST (ºC) for identifier 44839
Number of obs. plotted = 48 Number of outliers = 0
20
15
10
5
0
-5
-10
-15
-20
O-B SST (ºC)
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B SST (ºC) for identifier 45002
Number of obs. plotted = 488 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

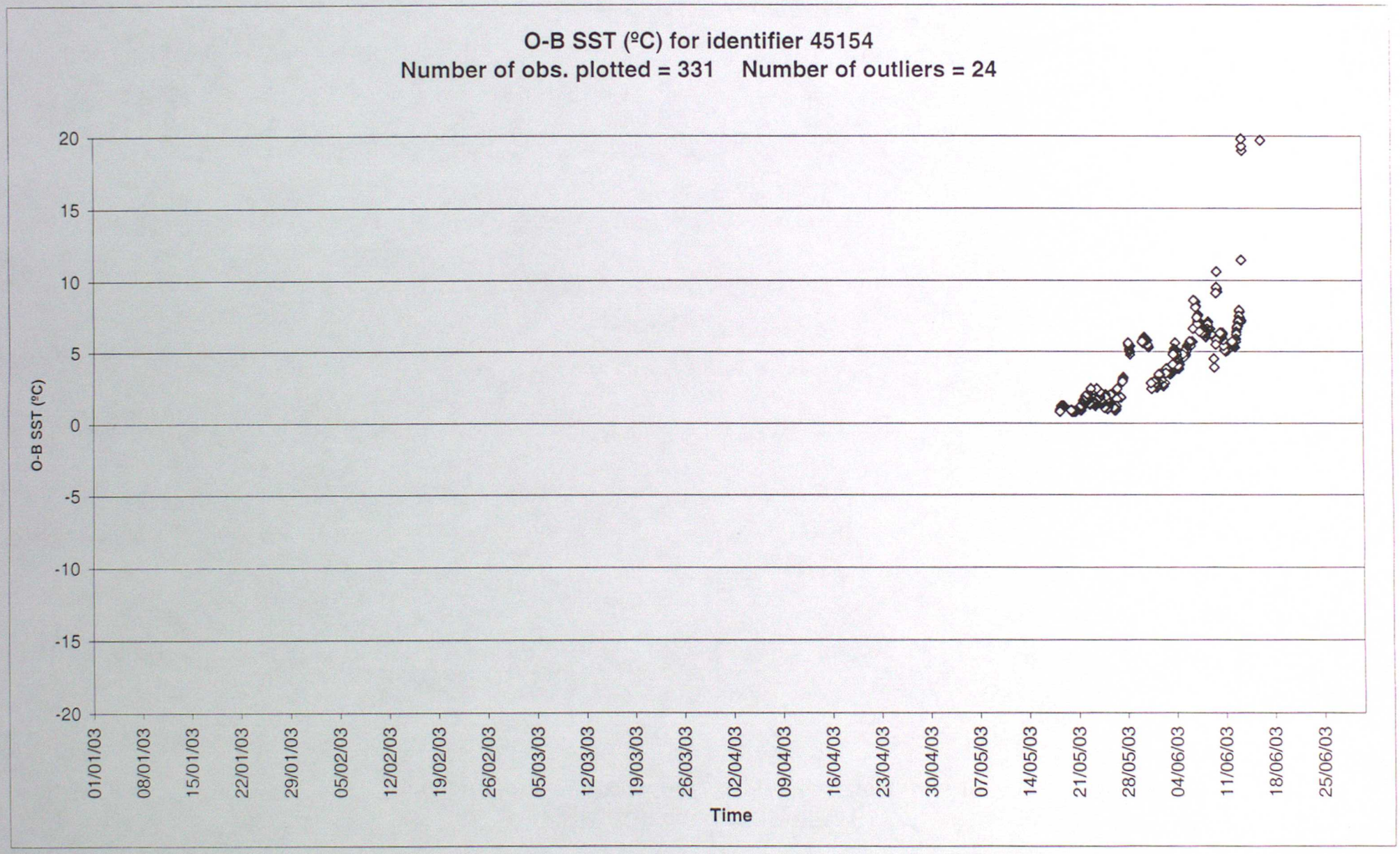
O-B SST (ºC) for identifier 45003
Number of obs. plotted = 584 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier 45012
Number of obs. plotted = 144 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier 45142
Number of obs. plotted = 1415 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier 45144
Number of obs. plotted = 458 Number of outliers = 0
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

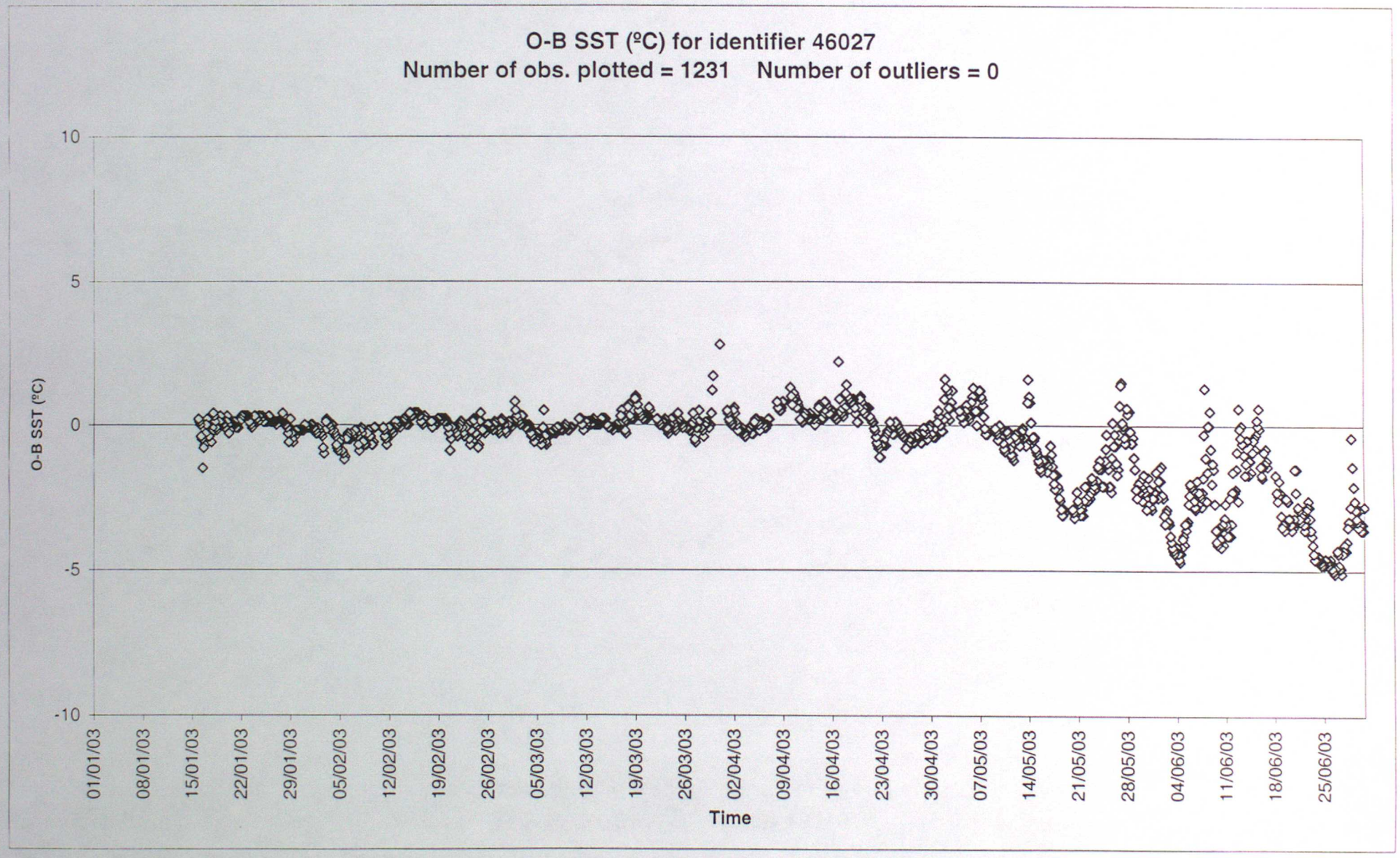
O-B SST (ºC) for identifier 45151
Number of obs. plotted = 487 Number of outliers = 19
O-B SST (°C)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

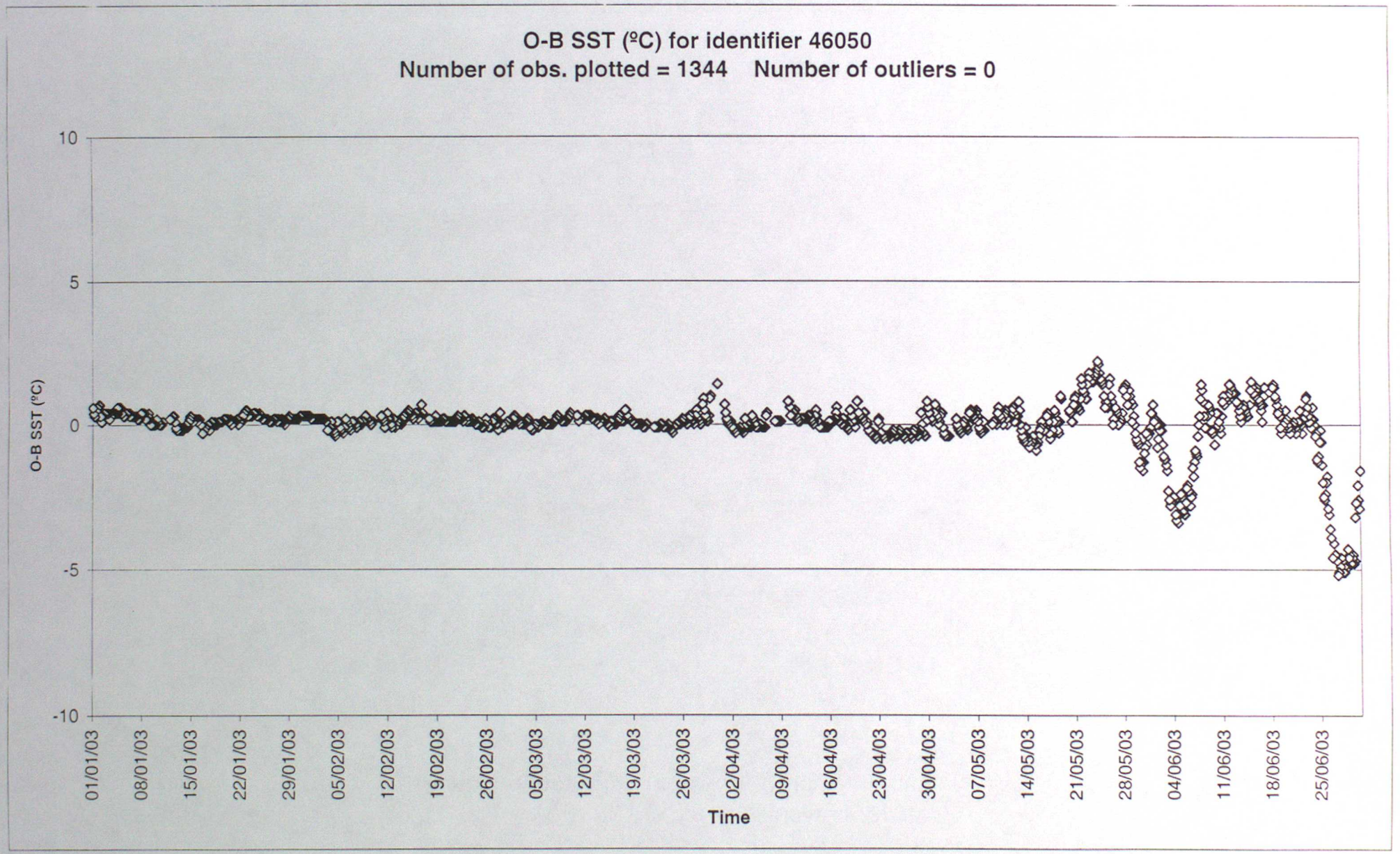

O-B SST (ºC) for identifier 45154
Number of obs. plotted = 331 Number of outliers = 24
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

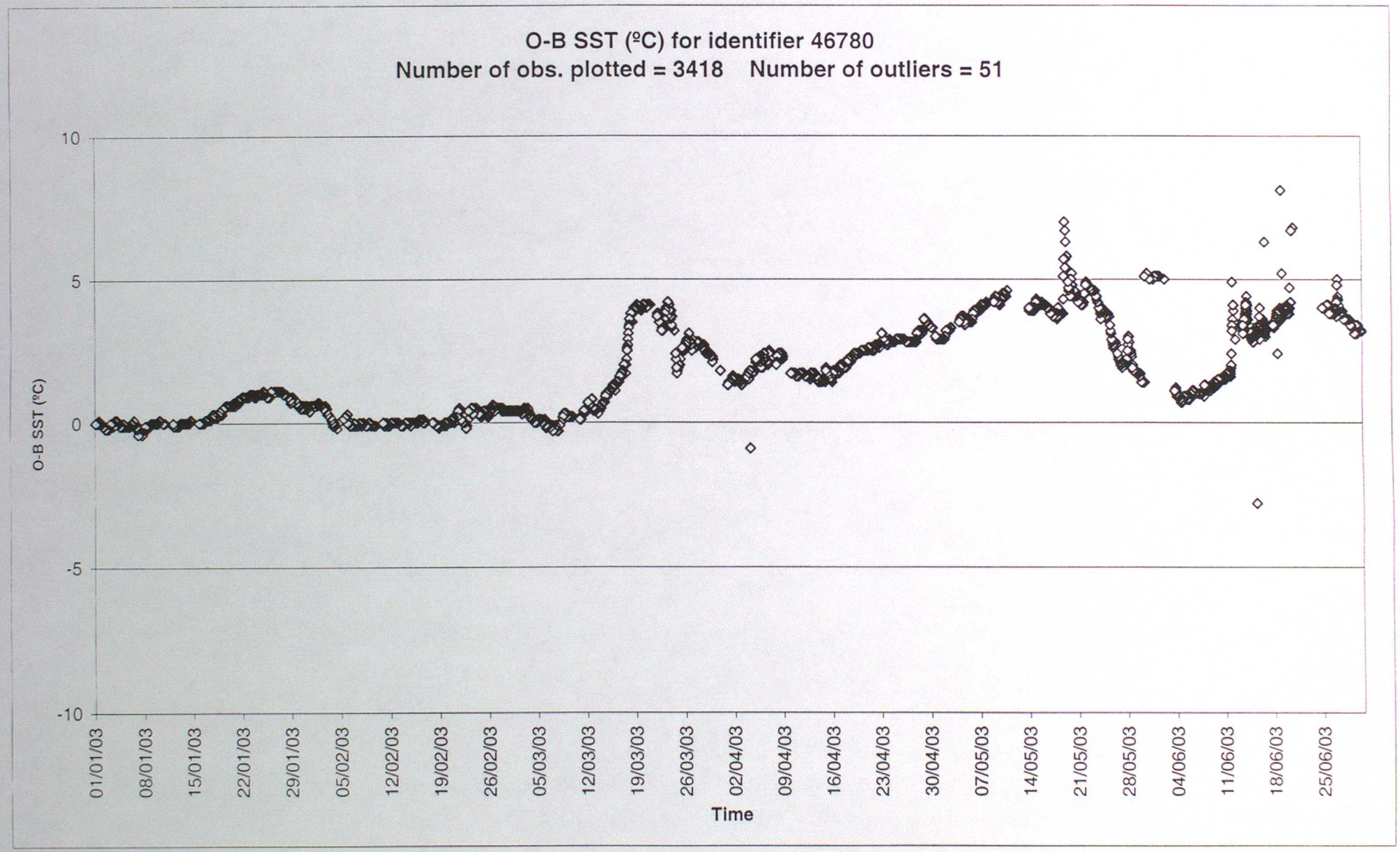
O-B SST (ºC) for identifier 45159
Number of obs. plotted = 578 Number of outliers = 2
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier 45160
Number of obs. plotted = 553 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

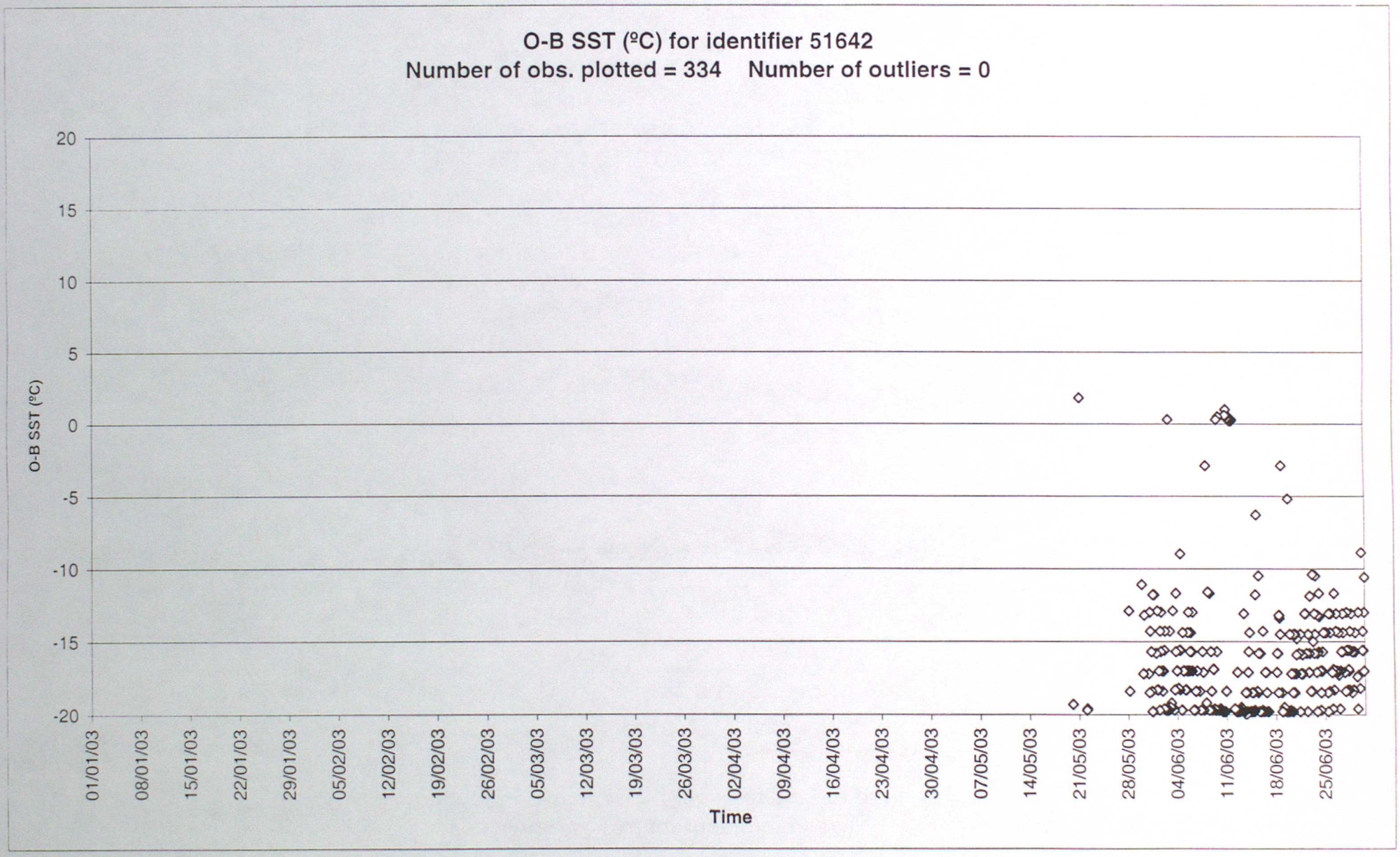
O-B SST (ºC) for identifier 46015
Number of obs. plotted = 1336 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

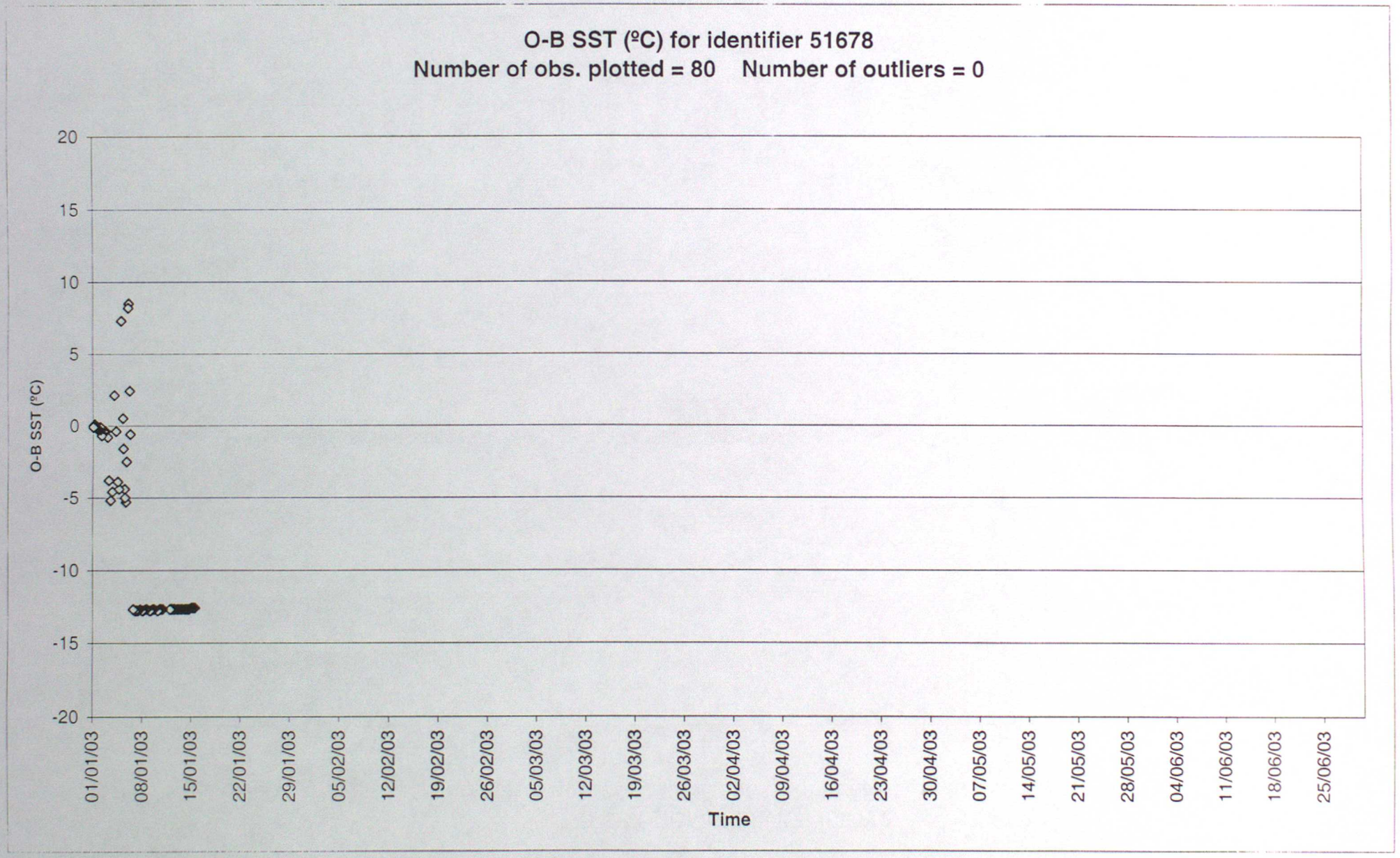

O-B SST (ºC) for identifier 46027
Number of obs. plotted = 1231 Number of outliers = 0
10
5
0
-5
-10
O-B SST (°C)
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

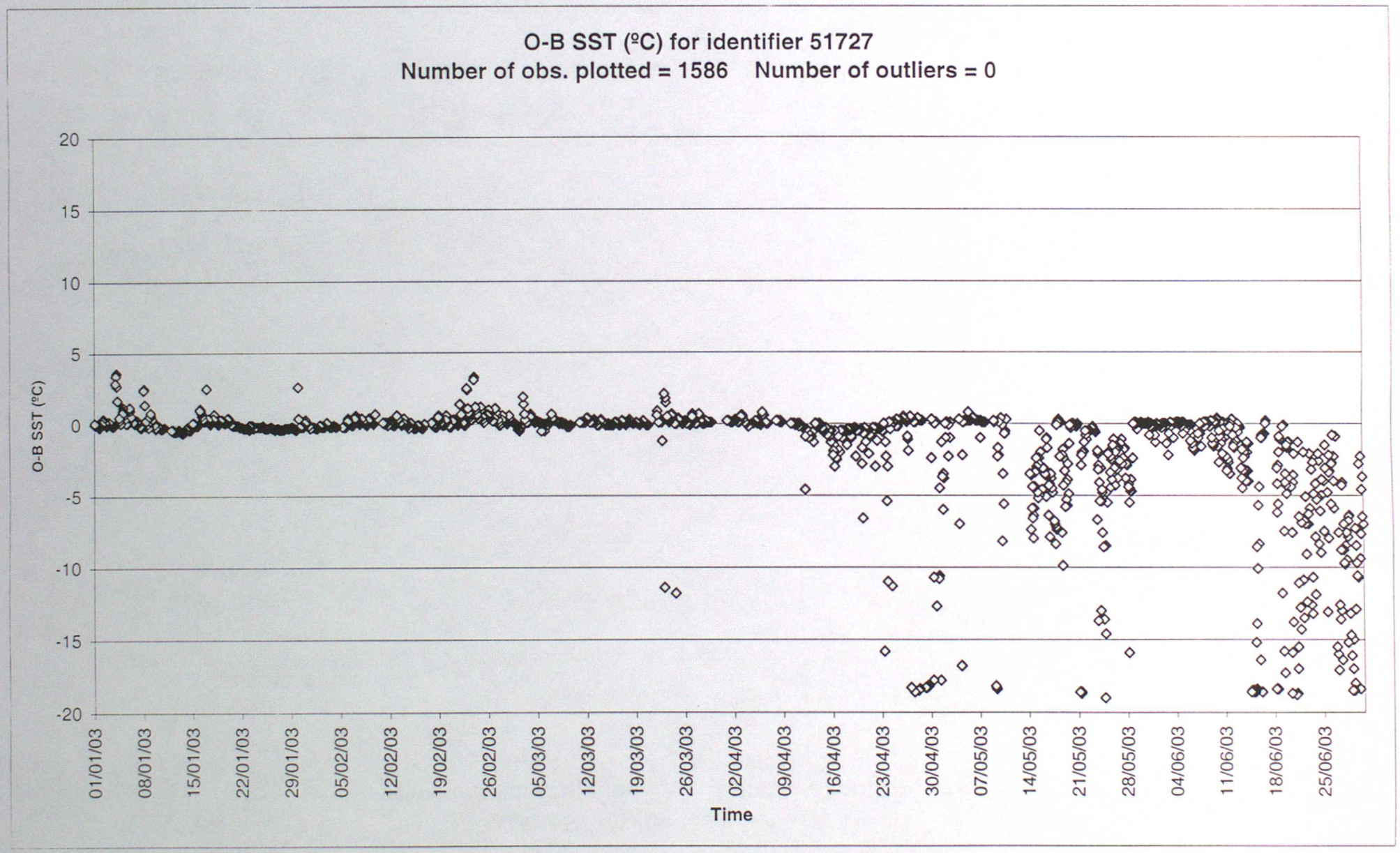

O-B SST (ºC) for identifier 46050
Number of obs. plotted = 1344 Number of outliers = 0
10
5
0
-5
-10
O-B SST (ºC)
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B SST (ºC) for identifier 46780
Number of obs. plotted = 3418 Number of outliers = 51
10
5
0
-5
-10
O-B SST (ºC)
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier 46972
Number of obs. plotted = 1268 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier 51642
Number of obs. plotted = 334 Number of outliers = 0
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

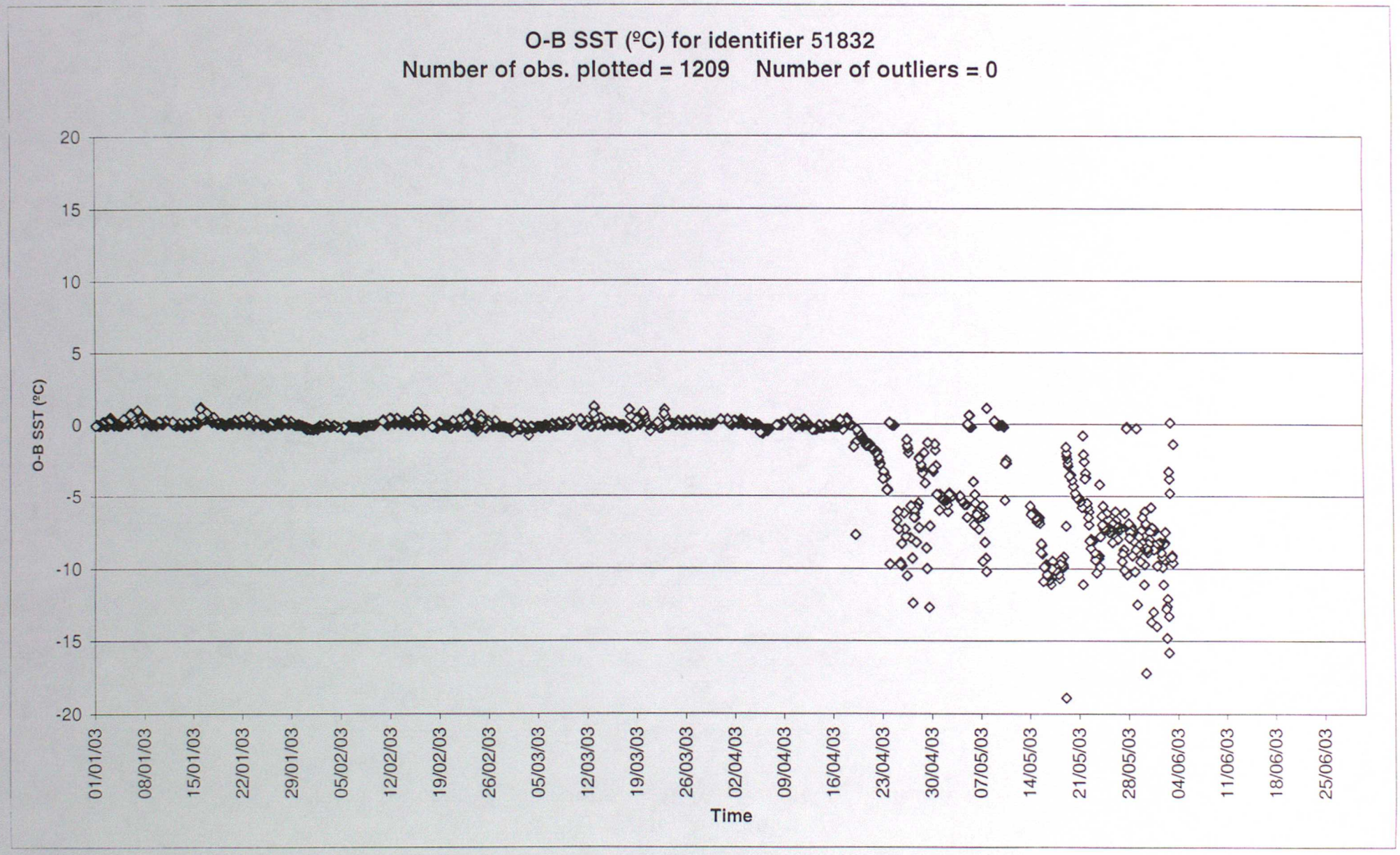

O-B SST (ºC) for identifier 51678
Number of obs. plotted = 80 Number of outliers = 0
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B SST (ºC) for identifier 51727
Number of obs. plotted = 1586 Number of outliers = 0
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

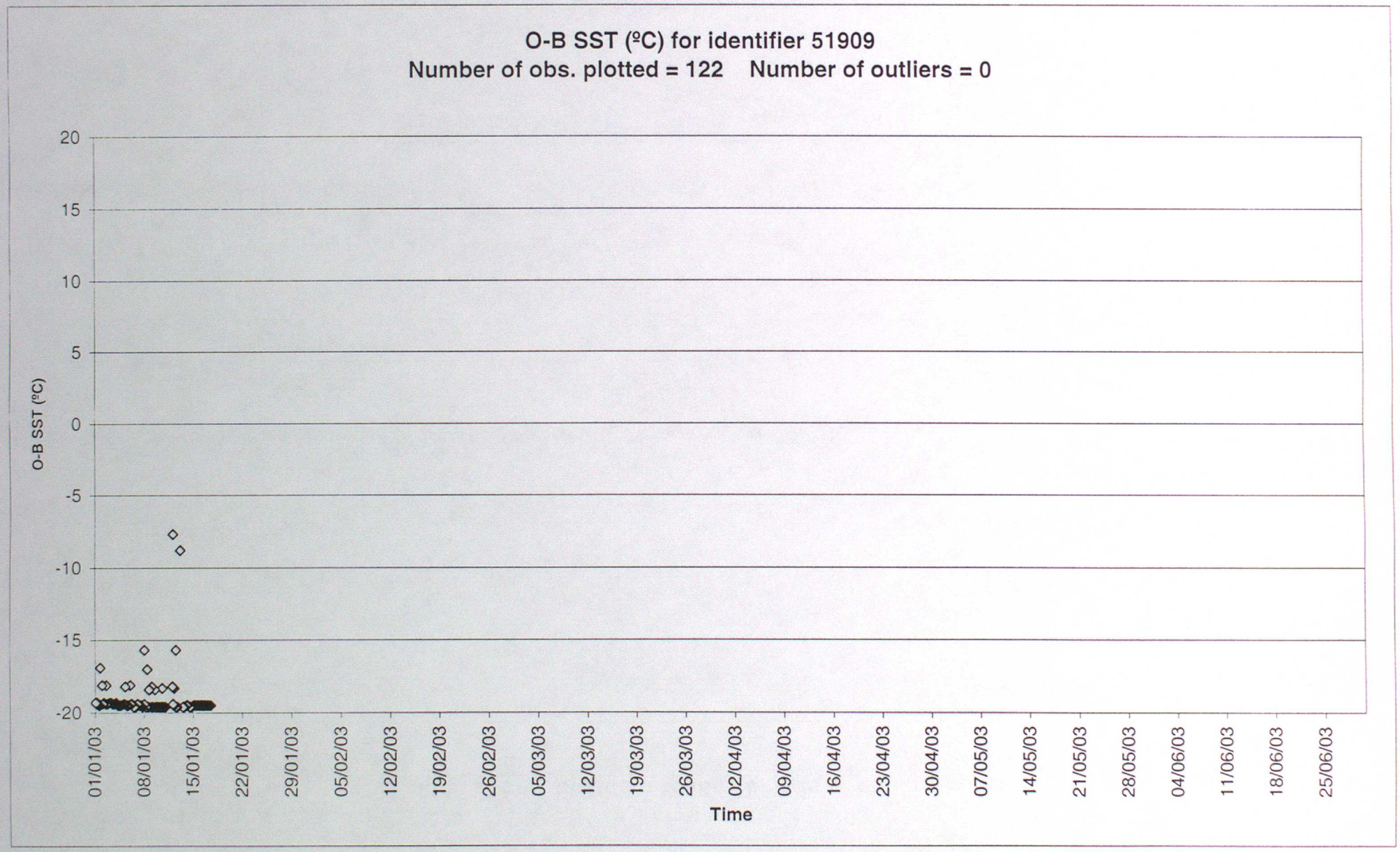
O-B SST (ºC) for identifier 51756
Number of obs. plotted = 1215 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier 51757
Number of obs. plotted = 142 Number of outliers = 7
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

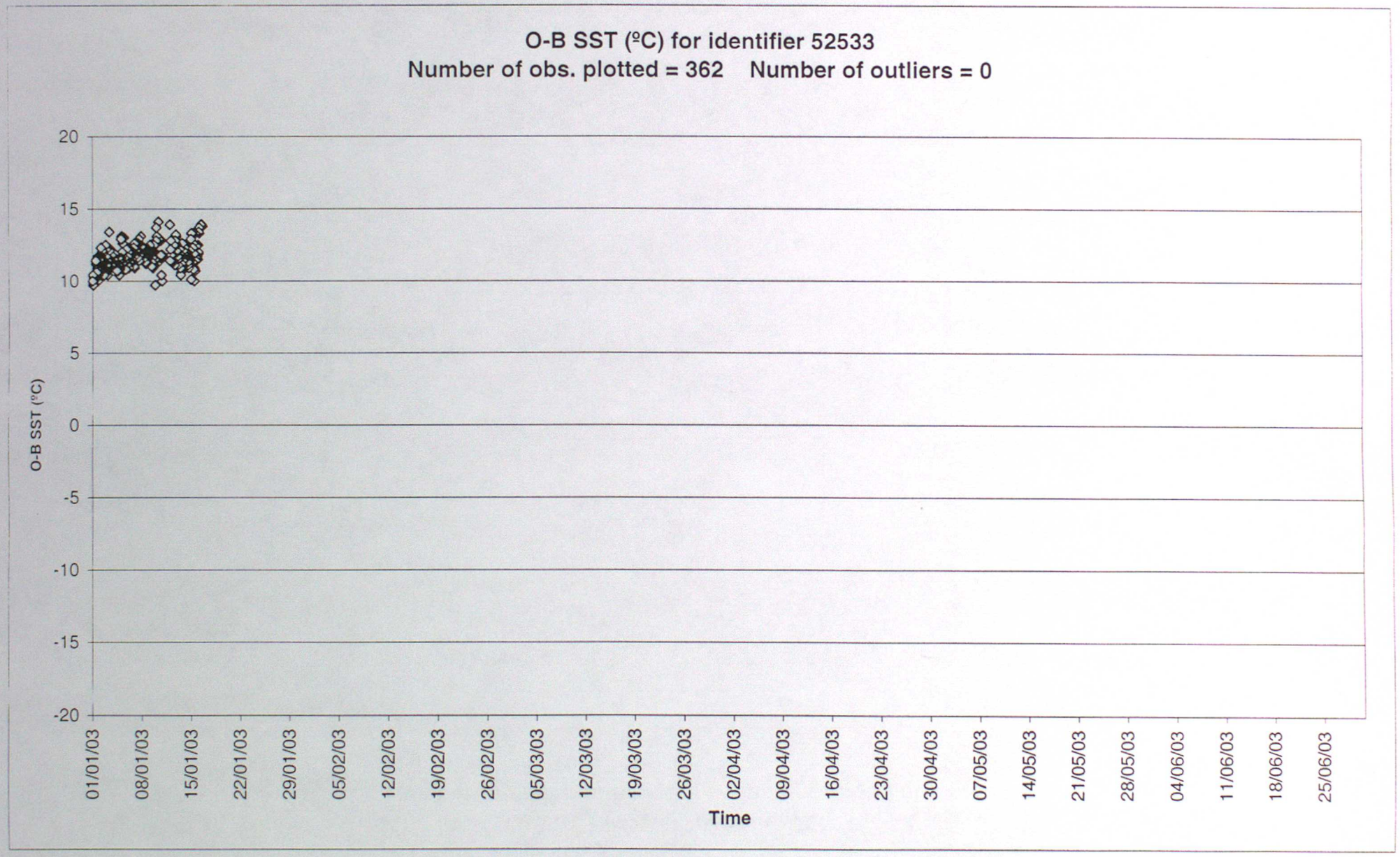
O-B SST (ºC) for identifier 51761
Number of obs. plotted = 1294 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier 51832
Number of obs. plotted = 1209 Number of outliers = 0
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

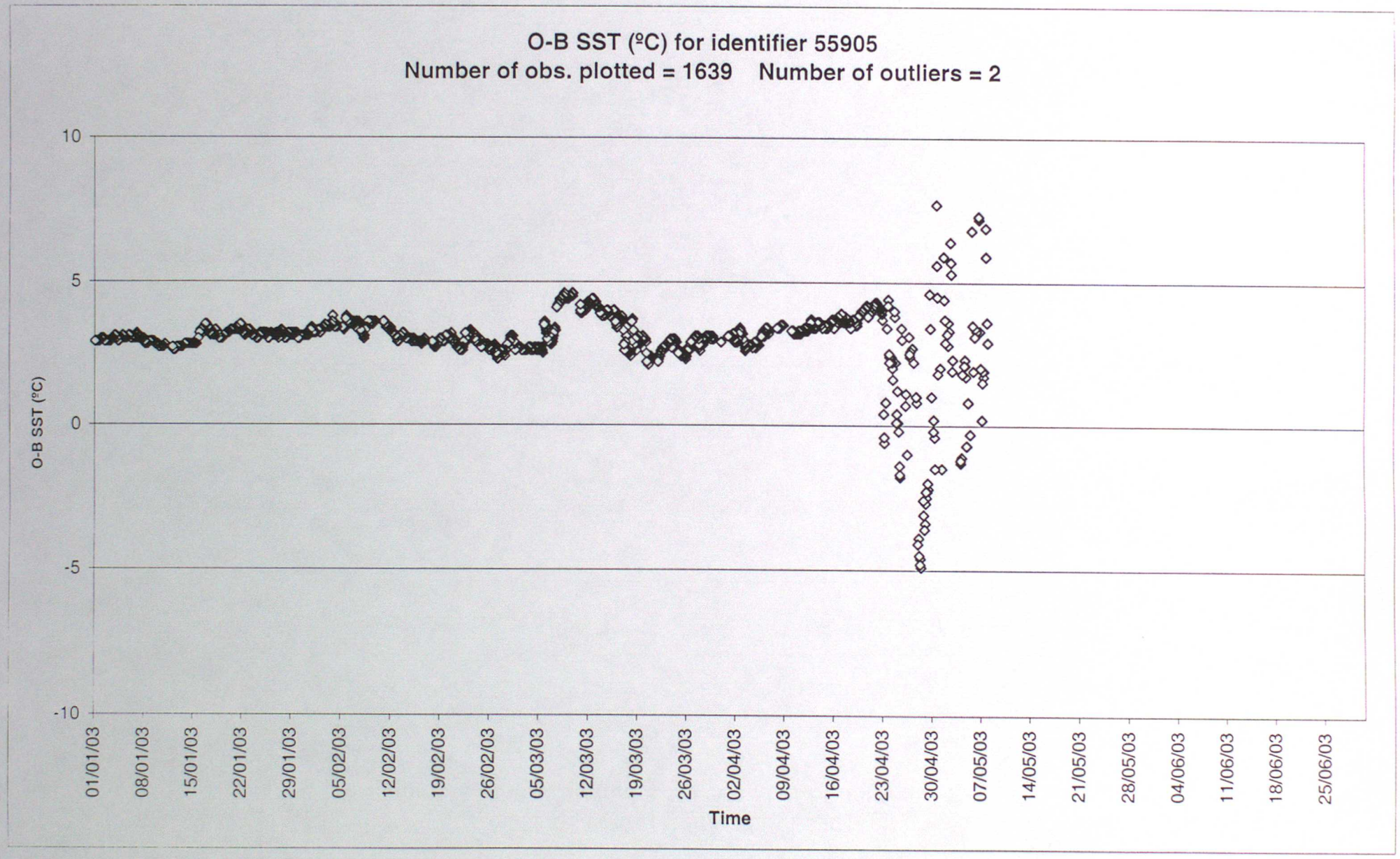
O-B SST (ºC) for identifier 51835
Number of obs. plotted = 1038 Number of outliers = 0
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier 51909
Number of obs. plotted = 122 Number of outliers = 0
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier 52521
Number of obs. plotted = 277 Number of outliers = 5
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier 52533
Number of obs. plotted = 362 Number of outliers = 0
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

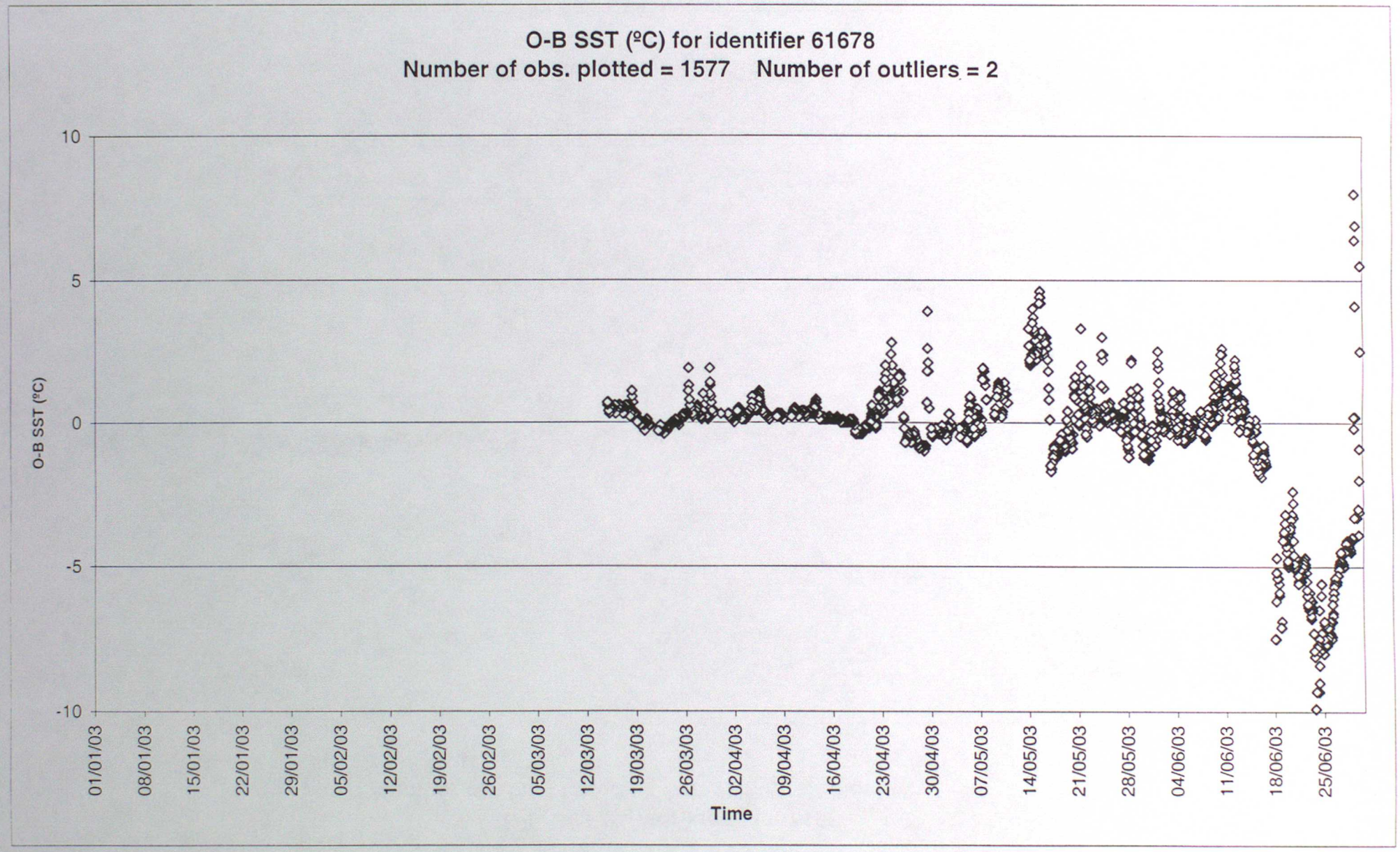
O-B SST (ºC) for identifier 55901
Number of obs. plotted = 32 Number of outliers = 28
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier 55905
Number of obs. plotted = 1639 Number of outliers = 2
10
5
0
-5
-10
O-B SST (ºC)
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

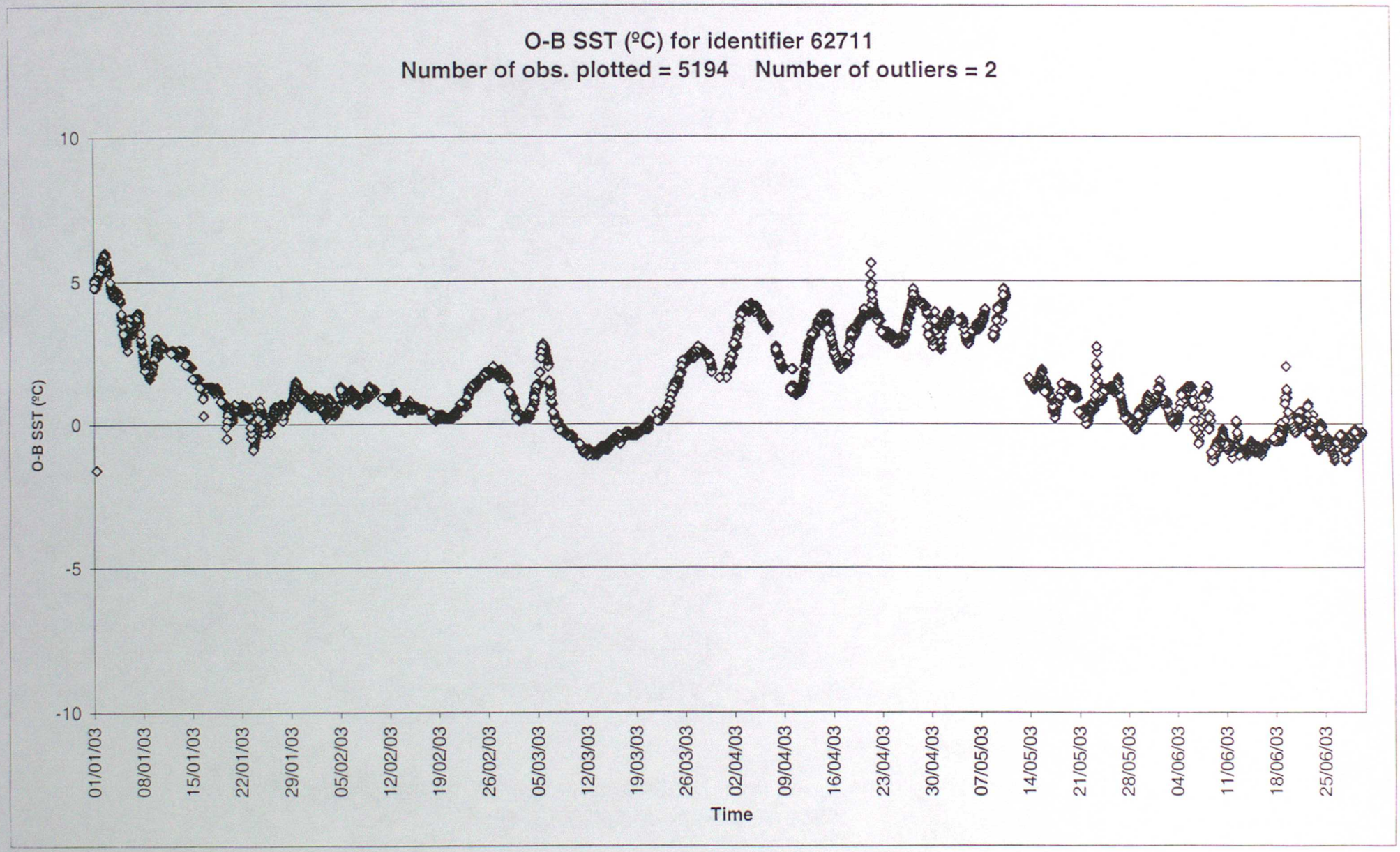
O-B SST (ºC) for identifier 61532
Number of obs. plotted = 348 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

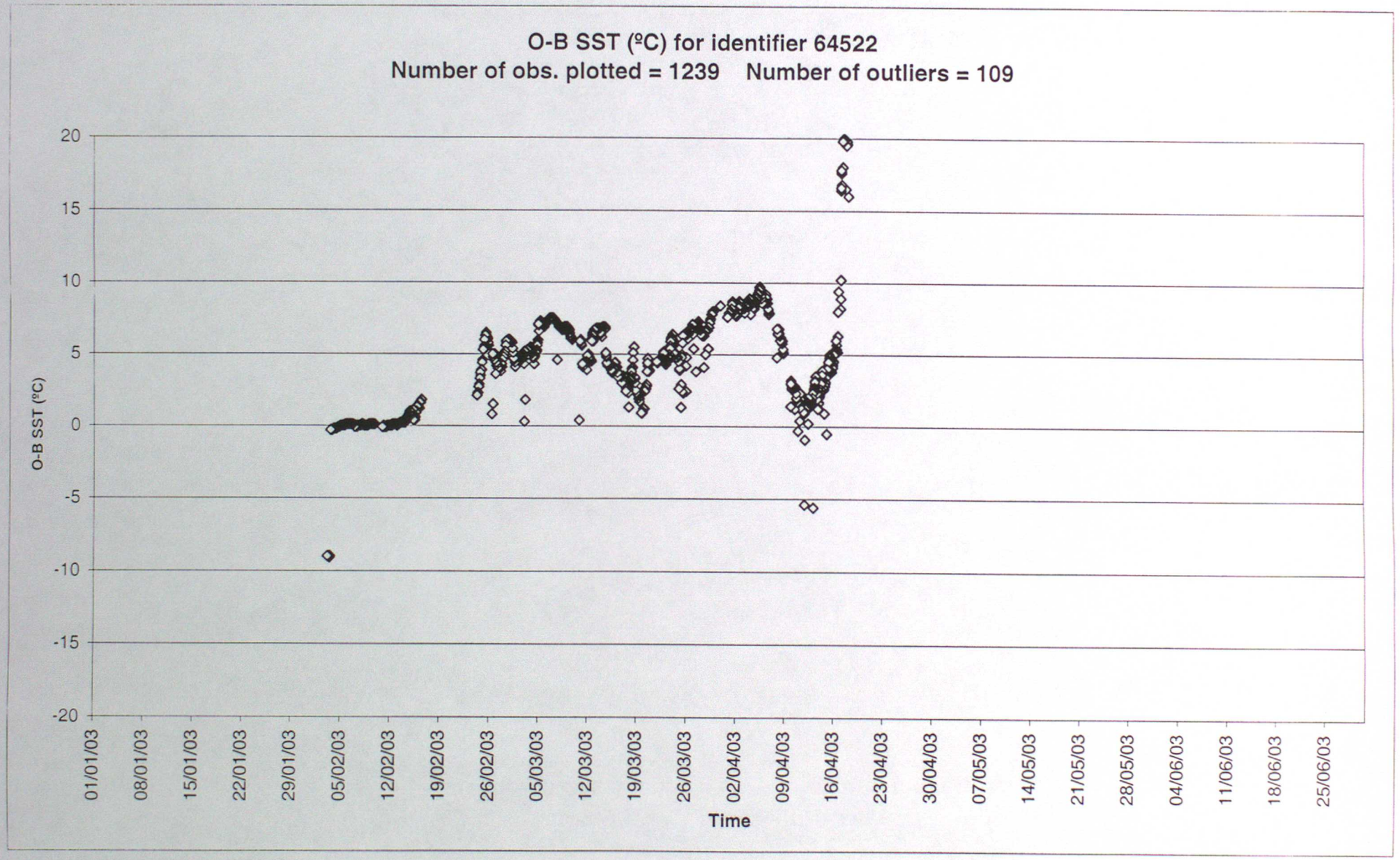
O-B SST (ºC) for identifier 61657
Number of obs. plotted = 52 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03

O-B SST (ºC) for identifier 61663
Number of obs. plotted = 1987 Number of outliers = 14
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier 61678
Number of obs. plotted = 1577 Number of outliers = 2
10
5
0
-5
-10
O-B SST (°C)
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier 62507
Number of obs. plotted = 828 Number of outliers = 0
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03


O-B SST (ºC) for identifier 62711
Number of obs. plotted = 5194 Number of outliers = 2
O-B SST (ºC)
10
5
0
-5
-10
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time


O-B SST (ºC) for identifier 64522
Number of obs. plotted = 1239 Number of outliers = 109
O-B SST (ºC)
20
15
10
5
0
-5
-10
-15
-20
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier 64553
Number of obs. plotted = 52 Number of outliers = 0
O-B SST (ºC)
10
5
0
-5
-10
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03
Time

O-B SST (ºC) for identifier 9VVN
Number of obs. plotted = 68 Number of outliers = 17
O-B SST (ºC)
10
5
0
-5
-10
Time
01/01/03
08/01/03
15/01/03
22/01/03
29/01/03
05/02/03
12/02/03
19/02/03
26/02/03
05/03/03
12/03/03
19/03/03
26/03/03
02/04/03
09/04/03
16/04/03
23/04/03
30/04/03
07/05/03
14/05/03
21/05/03
28/05/03
04/06/03
11/06/03
18/06/03
25/06/03